

Converting Colors

XYZ(86.4052, 96.2560, 76.3041)

Have a look what the booklet for
XYZ(86.4052, 96.2560, 76.3041)
contains.

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Color

**XYZ(86.3551, 96.2299,
76.3102)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFD4
RGB	248, 255, 212
RGB Percent	97%, 100%, 83%
CMY	0.0274, 0.0000, 0.1686
CMYK	0.03, 0.00, 0.17, 0.00
HSL	70°, 100%, 92%
HSV	70°, 17%, 100%
XYZ	86.3551, 96.2299, 76.3102
YIQ	248.0050, 9.6310, -14.8570

Conversions

Conversions Part 2

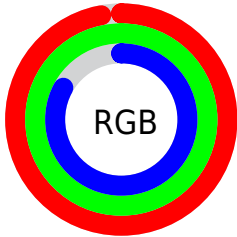
Format	Color
R_{YB}	212, 255, 219
Decimal	16318420
CIE _{Lab}	98.52, -9.37, 19.80
CIE _{LCh}	99, 21.906, 115.316
Yxy	96.2299, 0.3336, 0.3717
Android (android.graphics.Color)	4294508500 (0xFFFF8FFD4)
YUV	248.0050, -17.7505, -0.0044
Hunter-Lab	98.0968, -14.5351, 22.5457

Details

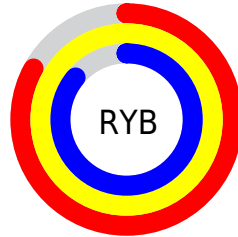
The XYZ color **86.3551, 96.2299, 76.3102** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.8078, 69.3683, 104.2652**, and the grayscale version is **89.3615, 94.0153, 102.3826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7657, 53.8989, 39.7843** is the 20% darker color. If you saturate the color by 10%, you get **81.9327, 94.2929, 60.6168**, and if you desaturate by 10%, it is **91.3194, 98.3876, 94.6836**.

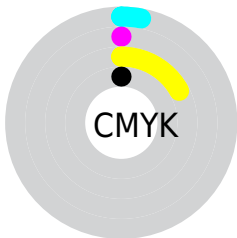
Distribution



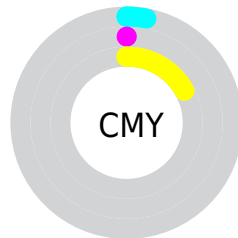
- Red (97%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3551, 96.2299, 76.3102 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 86.3551, 96.2299, 76.3102 by changing the saturation by 10% instead.


 86.3551, 96.2299,
76.3102

 86.3551, 96.2299,
76.3102


504.5178,
548.0949, 501.7840

 65.2879, 73.1590,
56.1787


141.1692,
155.9627, 129.9294

 47.9601, 54.1060,
39.9413


175.6468,
193.3934, 164.2542

 34.0064, 38.6864,
27.1793


215.3253,
236.3795, 204.1472

 23.0615, 26.5159,
17.4743

260.5699,
285.3054, 250.0269

 14.7598, 17.2100,
10.4077

311.7462,
340.5555, 302.3119

 8.7362, 10.3843,
5.5610

369.2193,

 4.6253, 5.6545,

402.5142, 361.4208

2.5156

433.3547,
471.5659, 427.7719

■ 2.0616, 2.6362,
0.8484

■ 0.6682, 0.9449,
0.0000

■ 86.3551, 96.2299,
76.3102

■ 86.3551, 96.2299,
76.3102

■ 81.9327, 94.2929,
60.6168

■ 91.3194, 98.3876,
94.6836

■ 78.0265, 92.5660,
47.4738

95.0500, 100.0000,
108.9000

■ 74.6111, 91.0392,
36.7474

■ 71.6582, 89.7011,
28.2897

■ 69.1366, 88.5391,
21.9369

■ 67.0107, 87.5391,
17.5029

■ 65.2387, 86.6843,
14.7693

■ 63.7680, 85.9536,
13.4596

■ 63.3437, 85.7399,
13.2109

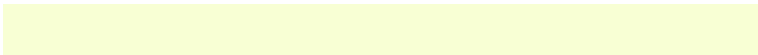
Harmonies

Analogous

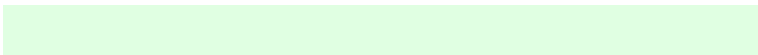
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4616, 96.2299, 73.7234



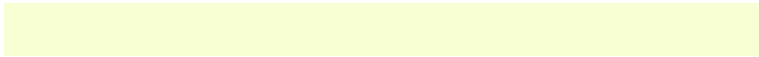
86.3551, 96.2299, 76.3102



81.8119, 96.2299, 86.1601

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3551, 96.2299, 76.3102



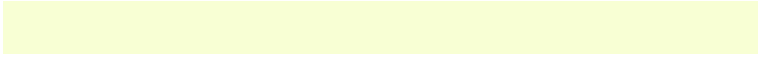
84.7081, 96.2299, 136.1491



104.1441, 96.2299, 107.6518

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86.3551, 96.2299, 76.3102



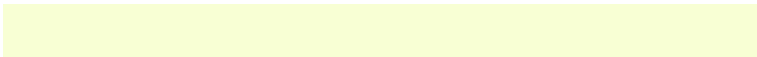
70.8078, 69.3683, 104.2652

Split Complementary

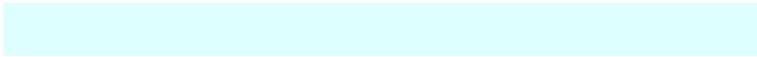
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.8461, 96.2299, 125.9015



86.3551, 96.2299, 76.3102



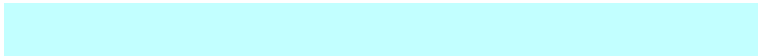
90.4728, 96.2299, 143.5186

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



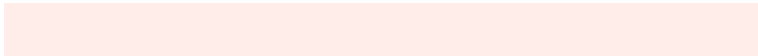
86.3551, 96.2299, 76.3102



80.8922, 96.2299, 120.4082



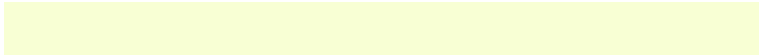
96.7698, 96.2299, 139.5686



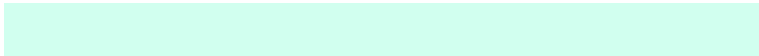
102.9182, 96.2299, 90.5626

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3551, 96.2299, 76.3102



80.1833, 96.2299, 96.1843



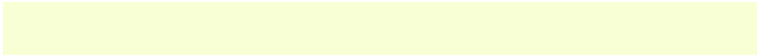
96.7698, 96.2299, 139.5686



103.7552, 96.2299, 113.8689

Sweetspot

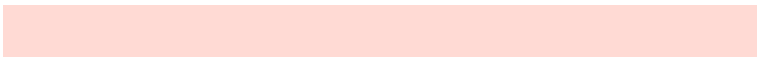
The Sweet Spot groups the original color and five complimentary colors.



86.3557, 96.2302, 76.3116



92.3052, 98.8143, 98.4095



78.3127, 76.3910, 72.9062



19.6770, 21.1157, 20.7602



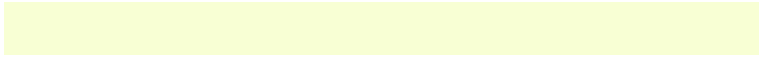
0.0000, 0.0000, 0.0000



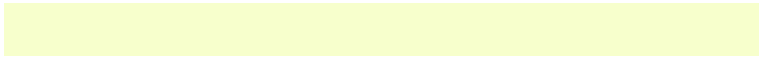
20.3446, 21.4041, 23.3091

Same Dimension

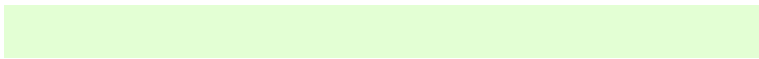
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3557, 96.2302, 76.3116



84.9106, 95.5990, 71.1039



79.3387, 92.6128, 75.9832



19.2538, 20.9323, 19.1699



33.2065, 44.8566, 6.9080



3.3072, 4.4057, 0.6761

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70.8078, 69.3683, 104.2652



66.8812, 64.4476, 103.5224



77.5125, 72.8247, 104.5790



17.2784, 17.5197, 22.7209



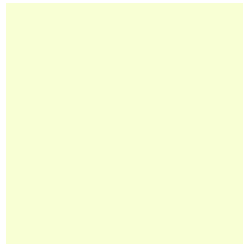
10.0005, 4.0659, 49.6923



1.0482, 0.4343, 4.8419

Previews

White Background



This preview shows how the XYZ color 86.3551, 96.2299, 76.3102 looks on a white background.

Color Contrast Check

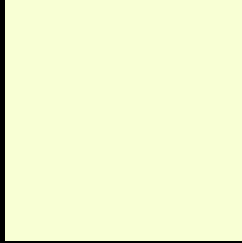
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 86.3551, 96.2299, 76.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

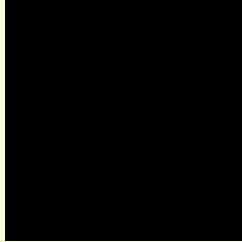
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3551, 96.2299, 76.3102

Background



This preview shows how black text looks on a background with the XYZ color 86.3551, 96.2299, 76.3102.



This preview shows how white text looks on a background with the XYZ color 86.3551, 96.2299,

Color Blindness Simulation

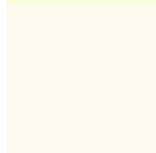
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



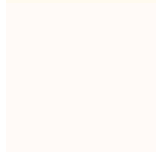
Original Color

86.3551, 96.2299, 76.3102



Protanopia

91.0056, 95.8632, 95.3683



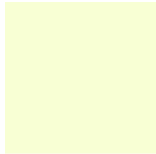
Deuteranopia

92.2141, 96.3466, 101.7322

Tritanopia

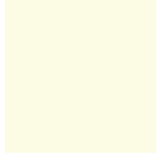
92.3805, 96.2867, 108.3240

Trichromacy



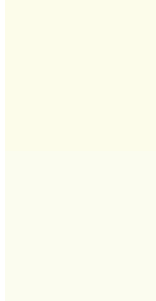
Original Color

86.3551, 96.2299, 76.3102



Protanomaly

89.0981, 95.9734, 87.9575



Deuteranomaly

89.8066, 96.2568, 91.6880

Tritanomaly

90.1741, 96.3620, 95.5084

Monochromacy



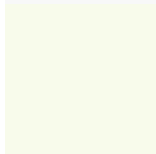
Original Color

86.3551, 96.2299, 76.3102



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.2040, 94.9490, 92.2754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3551, 96.2299, 76.3102 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(248, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 212)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 212) }
```

Border

The CSS property to change the border of an element to XYZ 86.3551, 96.2299, 76.3102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 255, 212) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(248, 255, 212) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(248, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3551, 96.2299, 76.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 212) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248,  
255, 212) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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