

Converting Colors

XYZ(86.0856, 96.3695, 63.7165)

Have a look what the booklet for
XYZ(86.0856, 96.3695, 63.7165)
contains.

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Color

**XYZ(86.1475, 96.3966,
63.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFC0
RGB	254, 255, 192
RGB Percent	100%, 100%, 75%
CMY	0.0039, 0.0000, 0.2470
CMYK	0.00, 0.00, 0.25, 0.00
HSL	61°, 100%, 88%
HSV	61°, 25%, 100%
XYZ	86.1475, 96.3966, 63.9351
YIQ	247.5190, 19.6270, -19.8050

Conversions

Conversions Part 2

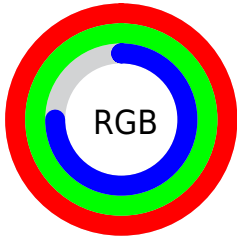
Format	Color
R_{YB}	192, 255, 193
Decimal	16711616
CIE _{Lab}	98.59, -10.04, 30.09
CIE _{LCh}	99, 31.722, 108.452
Yxy	96.3966, 0.3495, 0.3911
Android (android.graphics.Color)	4294901696 (0xFFFEFFC0)
YUV	247.5190, -27.3709, 5.6838
Hunter-Lab	98.1818, -15.1971, 30.1181

Details

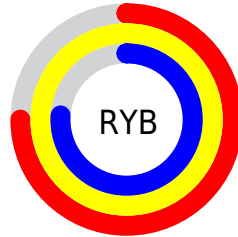
The XYZ color **86.1475, 96.3966, 63.9351** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.8929, 56.2580, 102.3626**, and the grayscale version is **89.0346, 93.6713, 102.0080**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **47.8075, 54.0935, 31.9661** is the 20% darker color. If you saturate the color by 10%, you get **83.4145, 95.2863, 50.3141**, and if you desaturate by 10%, it is **89.3713, 97.7033, 80.1369**.

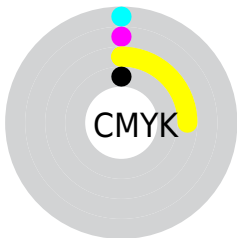
Distribution



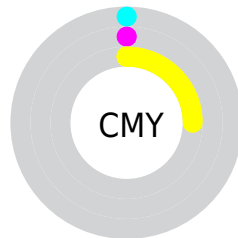
- Red (100%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.1475, 96.3966, 63.9351 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 86.1475, 96.3966, 63.9351 by changing the saturation by 10% instead.


 86.1475, 96.3966,
63.9351

 86.1475, 96.3966,
63.9351


503.8441,
548.6264, 457.1563

 65.1156, 73.2979,
46.1523

 140.8811,
156.1927, 112.1160

 47.8199, 54.2196,
32.0165


175.3135,
193.6588, 143.3512

 33.8949, 38.7773,
21.1091


214.9435,
236.6829, 179.9076

 22.9754, 26.5865,
13.0118

260.1363,
285.6494, 222.2037

 14.6959, 17.2629,
7.3058

311.2575,
340.9425, 270.6581

 8.6912, 10.4221,
3.5728

368.6723,

 4.5958, 5.6797,

402.9468, 325.6893

1.3940

432.7460,
472.0467, 387.7158

■ 2.0444, 2.6513,
0.1370

■ 0.6587, 0.9525,
0.0000

■ 86.1475, 96.3966,
63.9351

■ 86.1475, 96.3966,
63.9351

■ 83.4145, 95.2863,
50.3141

■ 89.3713, 97.7033,
80.1369

■ 81.1456, 94.3618,
39.1370

■ 93.1080, 99.2151,
99.0389

■ 79.3140, 93.6121,
30.2603

95.0500, 100.0000,
108.9000

■ 77.8891, 93.0251,
23.5238

■ 76.8366, 92.5872,
18.7472

■ 76.1167, 92.2824,
15.7202

■ 75.6804, 92.0909,
14.1845

■ 75.5273, 92.0208,
13.7811

Harmonies

Analogous

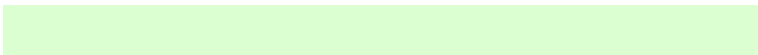
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2016, 96.3966, 62.8094



86.1475, 96.3966, 63.9351



79.0354, 96.3966, 74.8718

Triad

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



86.1475, 96.3966, 63.9351



80.4054, 96.3966, 147.5252



110.0289, 96.3966, 115.4092

Complementary

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



86.1475, 96.3966, 63.9351



58.8929, 56.2580, 102.3626

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.



105.4788, 96.3966, 142.1889



86.1475, 96.3966, 63.9351



88.1334, 96.3966, 162.6939

Square

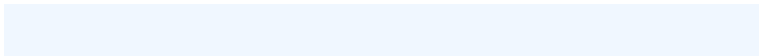
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



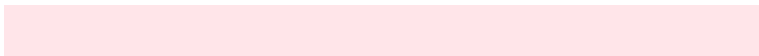
86.1475, 96.3966, 63.9351



75.8760, 96.3966, 121.7883



97.3238, 96.3966, 160.5924



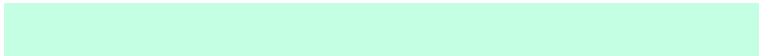
109.4085, 96.3966, 89.7571

Rectangle

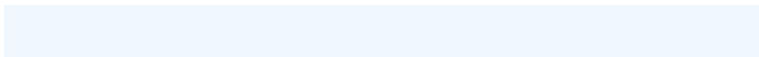
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1475, 96.3966, 63.9351



76.1641, 96.3966, 87.4644



97.3238, 96.3966, 160.5924



109.0417, 96.3966, 124.6446

Sweetspot

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



86.1479, 96.3968, 63.9365



92.2039, 98.8495, 94.4559



69.6048, 62.7661, 58.3170



19.6855, 21.1377, 19.9647



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

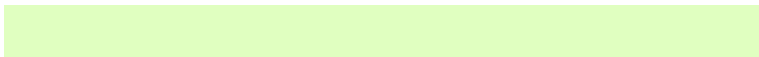
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1479, 96.3968, 63.9365



84.6411, 95.7850, 56.4105



75.8608, 91.0936, 63.4550



19.5311, 21.0752, 19.1829



39.4776, 48.0895, 7.2015



3.8526, 4.6868, 0.7016

Inverse Universe

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



58.8929, 56.2580, 102.3626



52.8259, 48.9291, 101.2678



67.4862, 60.6880, 102.7648



17.0297, 17.3915, 22.7093



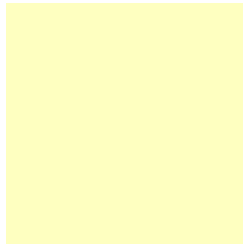
9.4695, 3.7922, 49.6675



0.9310, 0.3739, 4.8364

Previews

White Background



This preview shows how the XYZ color 86.1475, 96.3966, 63.9351 looks on a white background.

Color Contrast Check

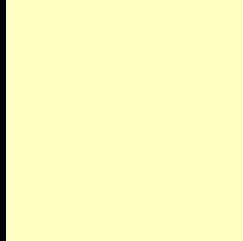
Large Text (above 18pt) WCAG AA × Fail

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 86.1475, 96.3966, 63.9351 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 86.1475, 96.3966, 63.9351

Background



This preview shows how black text looks on a background with the XYZ color 86.1475, 96.3966, 63.9351.



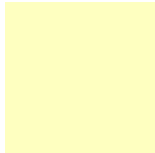
This preview shows how white text looks on a background with the XYZ color 86.1475, 96.3966,

63.9351.

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

86.1475, 96.3966, 63.9351



Protanopia

91.3172, 96.4864, 95.4722

Deuteranopia

92.2141, 96.3466, 101.7322

Tritanopia

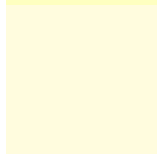
93.1657, 96.2314, 108.2719

Trichromacy



Original Color

86.1475, 96.3966, 63.9351



Protanomaly

89.2352, 96.1547, 82.9638



Deuteranomaly

89.9155, 96.4269, 86.5462

Tritanomaly

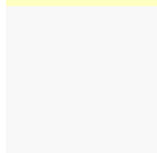
90.3027, 96.0806, 90.1299

Monochromacy



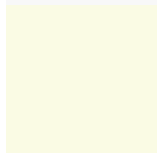
Original Color

86.1475, 96.3966, 63.9351



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

87.9251, 94.9198, 87.0860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1475, 96.3966, 63.9351 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(254, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 192)  
}
```

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(254, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 86.1475, 96.3966, 63.9351 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(254, 255, 192) }
```


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

```
.border{ border-color:rgb(254, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1475, 96.3966, 63.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 192) }
```

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

```
.background{ background-color: rgb(254,  
255, 192) }
```

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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