

Converting Colors

XYZ(87.9125, 95.6616, 75.8872)

Have a look what the booklet for
XYZ(87.9125, 95.6616, 75.8872)
contains.

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Color

**XYZ(87.9341, 95.6343,
76.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCD4
RGB	255, 252, 212
RGB Percent	100%, 99%, 83%
CMY	0.0000, 0.0117, 0.1686
CMYK	0.00, 0.01, 0.17, 0.00
HSL	56°, 100%, 92%
HSV	56°, 17%, 100%
XYZ	87.9341, 95.6343, 76.1120
YIQ	248.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

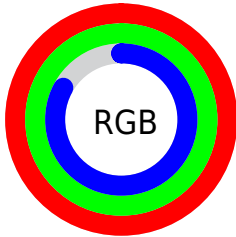
Format	Color
R_{YB}	215, 255, 212
Decimal	16776404
CIE _{Lab}	98.29, -5.41, 19.55
CIE _{LCh}	98, 20.283, 105.477
Yxy	95.6343, 0.3386, 0.3683
Android (android.graphics.Color)	4294966484 (0xFFFFFCD4)
YUV	248.3370, -17.9141, 5.8435
Hunter-Lab	97.7928, -10.6323, 22.3096

Details

The XYZ color **87.9341, 95.6343, 76.1120** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.5013, 69.8160, 104.4205**, and the grayscale version is **89.6345, 94.3025, 102.6954**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8896, 53.4703, 39.6423** is the 20% darker color. If you saturate the color by 10%, you get **84.4138, 93.3414, 60.3023**, and if you desaturate by 10%, it is **91.9721, 98.1490, 94.6031**.

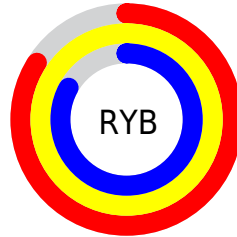
Distribution



Red (100%)

Green (99%)

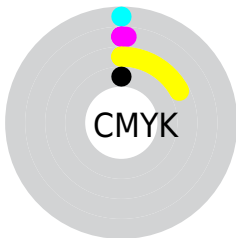
Blue (83%)



Red (84%)

Yellow (100%)

Blue (83%)

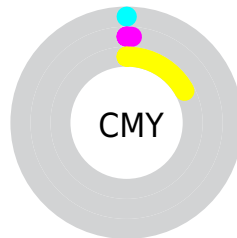


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.9341, 95.6343, 76.1120 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 87.9341, 95.6343, 76.1120 by changing the saturation by 10% instead.


 87.9341, 95.6343,
76.1120

 87.9341, 95.6343,
76.1120

509.6260,
546.1936, 501.0880

 66.5991, 72.6630,
56.0171


143.3584,
155.1406, 129.6468

 49.0284, 53.7005,
39.8126


178.1784,
192.4444, 163.9237

 34.8566, 38.3622,
27.0798


218.2242,
235.2946, 203.7652

 23.7185, 26.2640,
17.4002


263.8610,
284.0754, 249.5896

 15.2485, 17.0212,
10.3553

315.4542,
339.1713, 301.8155

 9.0814, 10.2496,
5.5265

373.3692,

 4.8519, 5.5648,

400.9668, 360.8616

2.4953

437.9714,
469.8461, 427.1462

■ 2.1945, 2.5823,
0.8376

■ 0.7398, 0.9178,
0.0000

■ 87.9341, 95.6343,
76.1120

■ 87.9341, 95.6343,
76.1120

■ 84.4138, 93.3414,
60.3023

■ 91.9721, 98.1490,
94.6031

■ 81.3809, 91.2486,
47.0427

95.0500, 100.0000,
108.9000

■ 78.8117, 89.3496,
36.1998

■ 76.6782, 87.6331,
27.6259

■ 74.9493, 86.0867,
21.1571

■ 73.5897, 84.6962,
16.6074

■ 72.5578, 83.4450,
13.7583

■ 71.8011, 82.3121,
12.3333

■ 71.5955, 81.9710,
12.0485

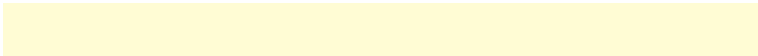
Harmonies

Analogous

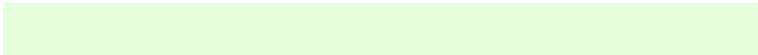
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7423, 95.6343, 75.9996



87.9341, 95.6343, 76.1120



83.1250, 95.6343, 83.1700

Triad

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



87.9341, 95.6343, 76.1120



83.2496, 95.6343, 128.7797



102.2058, 95.6343, 112.4032

Complementary

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



87.9341, 95.6343, 76.1120



69.5013, 69.8160, 104.4205

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.



99.1401, 95.6343, 128.3439



87.9341, 95.6343, 76.1120



88.1109, 95.6343, 138.4632

Square

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



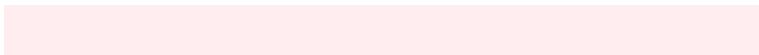
87.9341, 95.6343, 76.1120



80.5004, 95.6343, 112.9484



93.9268, 95.6343, 138.2957



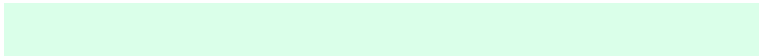
102.1535, 95.6343, 95.7821

Rectangle

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



87.9341, 95.6343, 76.1120



81.0602, 95.6343, 91.3449



93.9268, 95.6343, 138.2957



101.5002, 95.6343, 118.0545

Sweetspot

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



87.9363, 95.6384, 76.1140



92.7821, 98.6408, 98.3508



77.1251, 73.2844, 74.7653



19.7933, 21.0733, 20.7459



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.



87.9363, 95.6384, 76.1140



86.7768, 94.8950, 70.8697



82.5971, 94.2926, 76.1357



19.4466, 20.8614, 19.1460



37.4562, 42.9236, 6.3109



3.6782, 4.2417, 0.6249

Inverse Universe

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



69.5013, 69.8160, 104.4205



65.3983, 64.9504, 103.6976



74.2008, 71.1174, 104.4240



17.1045, 17.5807, 22.7419



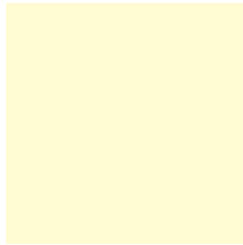
9.5795, 4.0686, 49.7150



0.9665, 0.4637, 4.8518

Previews

White Background



This preview shows how the XYZ color 87.9341, 95.6343, 76.1120 looks on a white background.

Color Contrast Check

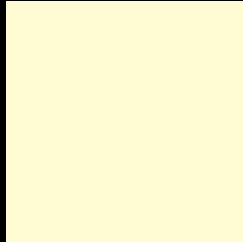
Large Text (above 18pt) WCAG AA × Fail

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 87.9341, 95.6343, 76.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

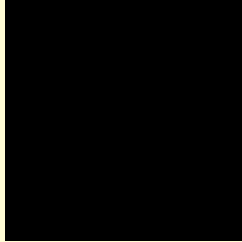
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.9341, 95.6343, 76.1120

Background



This preview shows how black text looks on a background with the XYZ color 87.9341, 95.6343, 76.1120.



This preview shows how white text looks on a background with the XYZ color 87.9341, 95.6343,

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

87.9341, 95.6343, 76.1120



Protanopia

90.7117, 95.7456, 93.8205



Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

92.4905, 95.4256, 108.1520

Trichromacy



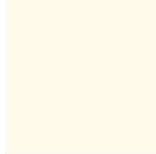
Original Color

87.9341, 95.6343, 76.1120



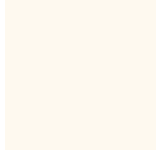
Protanomaly

89.7408, 95.8558, 87.1710



Deuteranomaly

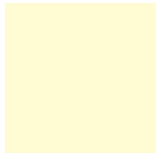
90.2769, 95.5717, 91.5310



Tritanomaly

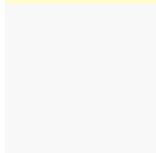
90.3287, 95.0542, 95.2478

Monochromacy



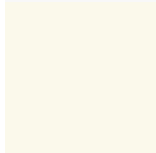
Original Color

87.9341, 95.6343, 76.1120



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.6547, 94.2588, 92.1184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9341, 95.6343, 76.1120 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(255, 252, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 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(255, 252, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 212) }
```

Border

The CSS property to change the border of an element to XYZ 87.9341, 95.6343, 76.1120 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(255, 252, 212) }
```


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

```
.border{ border-color:rgb(255, 252, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9341, 95.6343, 76.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 212) }
```

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

```
.background{ background-color: rgb(255,  
252, 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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