

Converting Colors

XYZ(91.6597, 98.6511, 75.9745)

Have a look what the booklet for
XYZ(91.6597, 98.6511, 75.9745)
contains.

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Color

**XYZ(88.4397, 96.8468,
75.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFED3
RGB	255, 254, 211
RGB Percent	100%, 100%, 83%
CMY	0.0000, 0.0039, 0.1725
CMYK	0.00, 0.00, 0.17, 0.00
HSL	59°, 100%, 91%
HSV	59°, 17%, 100%
XYZ	88.4397, 96.8468, 75.6600
YIQ	249.3970, 14.3990, -13.1610

Conversions

Conversions Part 2

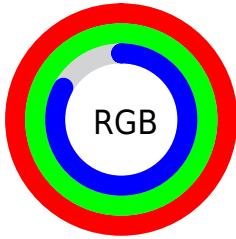
Format	Color
R _Y B	212, 255, 211
Decimal	16776915
CIE Lab	98.77, -6.55, 20.73
CIE LCh	99, 21.740, 107.545
Yxy	96.8468, 0.3389, 0.3711
Android (android.graphics.Color)	4294966995 (0xFFFFFED3)
YUV	249.3970, -18.9297, 4.9138
Hunter-Lab	98.4108, -11.8046, 23.3043

Details

The XYZ color **88.4397, 96.8468, 75.6600** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.4569, 68.1540, 104.1547**, and the grayscale version is **90.5138, 95.2276, 103.7028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2557, 54.3386, 39.3448** is the 20% darker color. If you saturate the color by 10%, you get **85.3114, 95.3067, 60.0769**, and if you desaturate by 10%, it is **92.0803, 98.5991, 93.9182**.

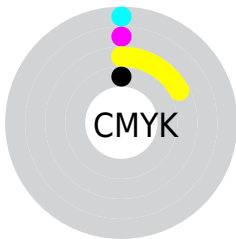
Distribution



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



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4397, 96.8468, 75.6600 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 88.4397, 96.8468, 75.6600 by changing the saturation by 10% instead.


 88.4397, 96.8468,
75.6600

 88.4397, 96.8468,
75.6600


511.2560,
550.0606, 499.4988

 67.0193, 73.6730,
55.6488


144.0586,
156.8136, 129.0019

 49.3710, 54.5265,
39.5193


178.9877,
194.3754, 163.1696

 35.1297, 39.0227,
26.8530


219.1505,
237.5019, 202.8932

 23.9297, 26.7774,
17.2314

264.9122,
286.5777, 248.5913

 15.4060, 17.4061,
10.2359

316.6383,
341.9871, 300.6823

 9.1930, 10.5245,
5.4480

374.6940,

 4.9254, 5.7481,

404.1144, 359.5849

2.4491

439.4448,
473.3441, 425.7176

■ 2.2379, 2.6925,
0.8130

■ 0.7626, 0.9734,
0.0000

■ 88.4397, 96.8468,
75.6600

■ 88.4397, 96.8468,
75.6600

■ 85.3114, 95.3067,
60.0769

■ 92.0803, 98.5991,
93.9182

■ 82.6648, 93.9570,
47.0372

95.0500, 100.0000,
108.9000

■ 80.4762, 92.7913,
36.4072

■ 78.7176, 91.7986,
28.0386

■ 77.3577, 90.9661,
21.7666

■ 76.3609, 90.2798,
17.4044

■ 75.6855, 89.7229,
14.7318

■ 75.2777, 89.2740,
13.4651

■ 75.1903, 89.1607,
13.2468

Harmonies

Analogous

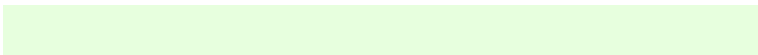
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6923, 96.8468, 75.0215



88.4397, 96.8468, 75.6600



83.3830, 96.8468, 83.6853

Triad

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



88.4397, 96.8468, 75.6600



84.0986, 96.8468, 133.2288



104.4164, 96.8468, 113.1248

Complementary

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



88.4397, 96.8468, 75.6600



68.4569, 68.1540, 104.1547

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.



101.2976, 96.8468, 130.6940



88.4397, 96.8468, 75.6600



89.4573, 96.8468, 143.1601

Square

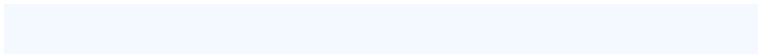
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



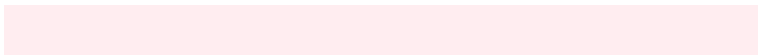
88.4397, 96.8468, 75.6600



80.9565, 96.8468, 116.2783



95.7572, 96.8468, 142.1828



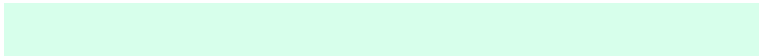
104.1132, 96.8468, 95.3151

Rectangle

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



88.4397, 96.8468, 75.6600



81.2833, 96.8468, 92.7234



95.7572, 96.8468, 142.1828



103.7277, 96.8468, 119.2903

Sweetspot

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



88.4420, 96.8509, 75.6621



92.9728, 99.0223, 98.4144



76.4776, 72.6267, 72.5853



19.8398, 21.1664, 20.7615



0.0000, 0.0000, 0.0000



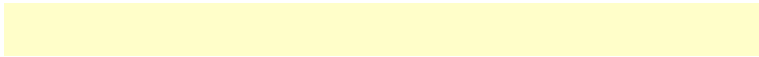
20.3446, 21.4041, 23.3091

Same Dimension

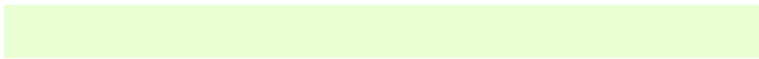
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4420, 96.8509, 75.6621



87.2111, 96.2491, 69.5177



81.6035, 93.7949, 75.4326



19.5240, 21.0162, 19.1718



39.3045, 46.6202, 6.9270



3.8377, 4.5607, 0.6780

Inverse Universe

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



68.4569, 68.1540, 104.1547



63.5341, 62.2511, 103.2748



74.4725, 70.8875, 104.3653



17.0359, 17.4434, 22.7190



9.4784, 3.8664, 49.6813



0.9339, 0.3986, 4.8410

Previews

White Background



This preview shows how the XYZ color 88.4397, 96.8468, 75.6600 looks on a white background.

Color Contrast Check

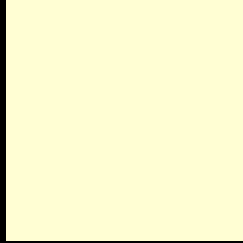
Large Text (above 18pt) WCAG AA × Fail

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 88.4397, 96.8468, 75.6600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

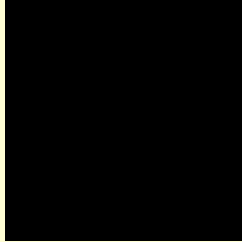
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.4397, 96.8468, 75.6600

Background



This preview shows how black text looks on a background with the XYZ color 88.4397, 96.8468, 75.6600.



This preview shows how white text looks on a background with the XYZ color 88.4397, 96.8468,

75.6600.

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

88.4397, 96.8468, 75.6600

Protanopia

91.7642, 96.6652, 97.8262

Deuteranopia

92.6805, 97.0317, 102.6511

Tritanopia

93.1087, 96.6620, 108.3580

Trichromacy



Original Color

88.4397, 96.8468, 75.6600

Protanomaly

90.4742, 96.6503, 89.4882

Deuteranomaly

91.0458, 96.8790, 92.4981

Tritanomaly

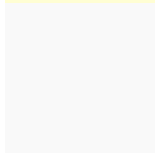
90.9502, 96.2972, 95.4550

Monochromacy



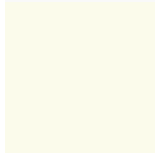
Original Color

88.4397, 96.8468, 75.6600



Achromatopsia

90.0415, 94.7307, 103.1617



Achromatomaly

89.2762, 95.5017, 92.3256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4397, 96.8468, 75.6600 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, 254, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 211)  
}
```

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, 254, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 211) }
```

Border

The CSS property to change the border of an element to XYZ 88.4397, 96.8468, 75.6600 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, 254, 211) }
```


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

```
.border{ border-color:rgb(255, 254, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4397, 96.8468, 75.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 211) }
```

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

```
.background{ background-color: rgb(255,  
254, 211) }
```

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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