

Converting Colors

XYZ(76.9770, 69.1501, 60.6495)

Have a look what the booklet for
XYZ(76.9770, 69.1501, 60.6495)
contains.

XYZ(71.7446, 66.5087, 60.6859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.7446, 66.5087,
60.6859)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8C3
RGB	255, 200, 195
RGB Percent	100%, 78%, 76%
CMY	0.0000, 0.2157, 0.2353
CMYK	0.00, 0.22, 0.24, 0.00
HSL	5°, 100%, 88%
HSV	5°, 24%, 100%
XYZ	71.7446, 66.5087, 60.6859
YIQ	215.8750, 34.3850, 10.1050

Conversions

Conversions Part 2

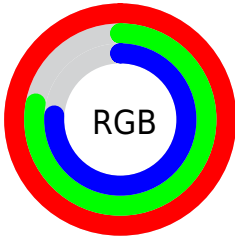
Format	Color
R _Y B	255, 200, 195
Decimal	16763075
CIE Lab	85.26, 18.81, 9.99
CIE LCh	85, 21.296, 27.967
Yxy	66.5087, 0.3606, 0.3343
Android (android.graphics.Color)	4294953155 (0xFFFFC8C3)
YUV	215.8750, -10.2914, 34.3126
Hunter-Lab	81.5529, 14.3145, 12.9676

Details

The XYZ color **71.7446, 66.5087, 60.6859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7402, 87.1905, 107.4980**, and the grayscale version is **65.2380, 68.6355, 74.7441**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **38.1126, 34.3512, 29.8210** is the 20% darker color. If you saturate the color by 10%, you get **64.0984, 55.4431, 45.1067**, and if you desaturate by 10%, it is **80.7139, 79.4322, 79.1368**.

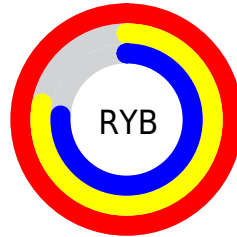
Distribution



Red (100%)

Green (78%)

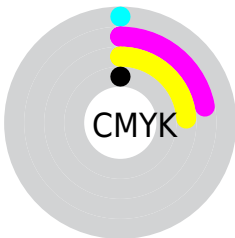
Blue (76%)



Red (100%)

Yellow (78%)

Blue (76%)

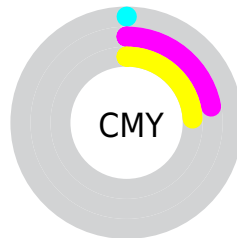


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7446, 66.5087, 60.6859 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 71.7446, 66.5087, 60.6859 by changing the saturation by 10% instead.


 71.7446, 66.5087,
60.6859

 71.7446, 66.5087,
60.6859


455.8236,
448.1940, 444.9960

 53.2348, 48.6855,
43.5428


120.7061,
114.2161, 107.3771

 38.2185, 34.3700,
29.9767

151.8885,
144.8691, 137.7623

 26.3303, 23.1780,
19.5690


188.0259,
180.5675, 173.3986

 17.2049, 14.7250,
11.9012

229.4834,
221.6957, 214.7046

 10.4769, 8.6266,
6.5547

276.6267,
268.6380, 262.0988

 5.7809, 4.4985,
3.1110

329.8209,

 2.7517, 1.9561,

321.7789, 315.9998

1.1516

389.4314,
381.5028, 376.8260

■ 1.0239, 0.5818,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7446, 66.5087,
60.6859

■ 71.7446, 66.5087,
60.6859

■ 64.0984, 55.4431,
45.1067

■ 80.7139, 79.4322,
79.1368

■ 57.7081, 46.1415,
32.2508

■ 91.0598, 94.2839,
100.5893

■ 52.5076, 38.5153,
21.9630

95.0500, 100.0000,
108.9000

■ 48.4231, 32.4648,
14.0704

■ 45.3724, 27.8795,
8.3793

■ 43.2617, 24.6347,
4.6655

■ 41.9802, 22.5848,
2.6568

■ 41.5132, 21.8063,
2.0211

Harmonies

Analogous

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



72.9204, 66.5087, 73.3608



71.7446, 66.5087, 60.6859



68.2507, 66.5087, 52.1936

Triad

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



71.7446, 66.5087, 60.6859



55.6900, 66.5087, 59.2502



62.8869, 66.5087, 102.2611

Complementary

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



71.7446, 66.5087, 60.6859



74.7402, 87.1905, 107.4980

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.



58.4324, 66.5087, 97.2863



71.7446, 66.5087, 60.6859



54.4105, 66.5087, 71.4807

Square

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



71.7446, 66.5087, 60.6859



58.9735, 66.5087, 51.4416



55.3889, 66.5087, 85.5694



67.6541, 66.5087, 98.4353

Rectangle

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



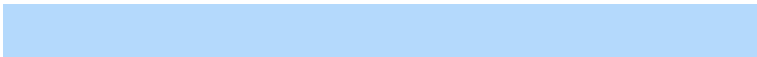
71.7446, 66.5087, 60.6859



65.1633, 66.5087, 49.4670



55.3889, 66.5087, 85.5694



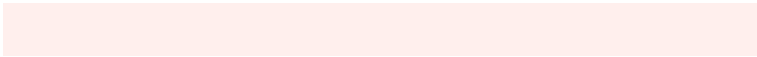
61.3050, 66.5087, 101.5508

Sweetspot

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



71.7462, 66.5117, 60.6873



87.3089, 88.9050, 92.7944



78.0108, 67.1930, 99.3005



18.5518, 18.8344, 19.5799



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.



71.7462, 66.5117, 60.6873



68.1672, 61.3387, 53.3746



79.3875, 81.7942, 63.2343



18.1311, 18.2304, 18.7075



21.7334, 11.4780, 1.0700



2.1558, 1.1971, 0.1174

Inverse Universe

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



74.7402, 87.1905, 107.4980



71.6108, 85.1397, 107.2671



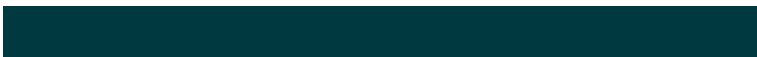
66.1495, 70.0092, 104.6344



18.4176, 20.2069, 23.1796



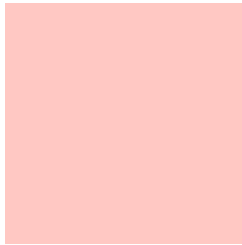
24.8193, 34.5482, 54.7949



2.4533, 3.4372, 5.3474

Previews

White Background



This preview shows how the XYZ color 71.7446, 66.5087, 60.6859 looks on a white background.

Color Contrast Check

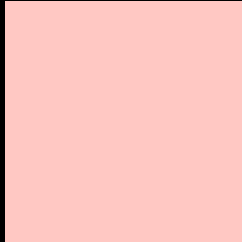
Large Text (above 18pt) WCAG AA × Fail

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 71.7446, 66.5087, 60.6859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

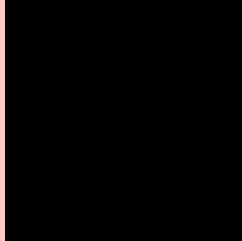
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7446, 66.5087, 60.6859

Background



This preview shows how black text looks on a background with the XYZ color 71.7446, 66.5087, 60.6859.



This preview shows how white text looks on a background with the XYZ color 71.7446, 66.5087,

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

71.7446, 66.5087, 60.6859

Protanopia

63.7194, 66.5669, 65.3674

Deuteranopia

68.0845, 66.7384, 60.3323



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

71.7446, 66.5087, 60.6859

Protanomaly

66.4690, 66.5589, 63.3767

Deuteranomaly

69.3365, 66.6736, 60.2538

Tritanomaly

72.8040, 66.5631, 67.4033

Monochromacy



Original Color

71.7446, 66.5087, 60.6859

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.0649, 67.4702, 69.1629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7446, 66.5087, 60.6859 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, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 195)  
}
```

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, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 195) }
```

Border

The CSS property to change the border of an element to XYZ 71.7446, 66.5087, 60.6859 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, 200, 195) }
```


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

```
.border{ border-color:rgb(255, 200, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7446, 66.5087, 60.6859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 195) }
```

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

```
.background{ background-color: rgb(255,  
200, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor