

Converting Colors

XYZ(70.3489, 66.3408, 65.2382)

Have a look what the booklet for
XYZ(70.3489, 66.3408, 65.2382)
contains.

XYZ(70.4926, 66.4618, 64.9902)	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(70.4926, 66.4618,
64.9902)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CACA
RGB	248, 202, 202
RGB Percent	97%, 79%, 79%
CMY	0.0274, 0.2078, 0.2078
CMYK	0.00, 0.19, 0.19, 0.03
HSL	0°, 77%, 88%
HSV	0°, 19%, 97%
XYZ	70.4926, 66.4618, 64.9902
YIQ	215.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

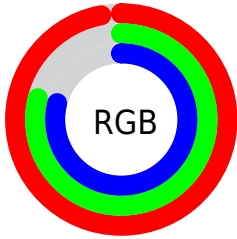
Format	Color
R _Y B	248, 202, 202
Decimal	16304842
CIE Lab	85.23, 16.25, 6.14
CIE LCh	85, 17.370, 20.711
Yxy	66.4618, 0.3491, 0.3291
Android (android.graphics.Color)	4294494922 (0xFFF8CACA)
YUV	215.7540, -6.7807, 28.2797
Hunter-Lab	81.5241, 11.6789, 9.8015

Details

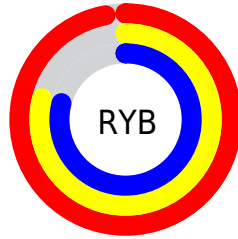
The XYZ color **70.4926, 66.4618, 64.9902** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8671, 86.4665, 101.5513**, and the grayscale version is **65.1360, 68.5281, 74.6271**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4211, 34.3943, 32.6834** is the 20% darker color. If you saturate the color by 10%, you get **62.4309, 54.6656, 48.9614**, and if you desaturate by 10%, it is **79.9648, 80.3225, 83.8187**.

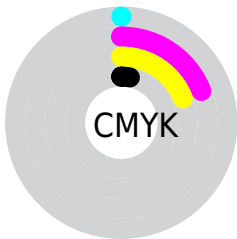
Distribution



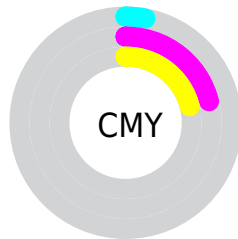
- Red (97%)
- Green (79%)
- Blue (79%)



- Red (97%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4926, 66.4618, 64.9902 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 70.4926, 66.4618, 64.9902 by changing the saturation by 10% instead.


 70.4926, 66.4618,
64.9902

 70.4926, 66.4618,
64.9902


451.5172,
448.0266, 461.0620

 52.2093, 48.6474,
47.0018


118.9334,
114.1489, 113.6489

 37.3969, 34.3398,
32.6828


149.8216,
144.7903, 145.1563

 25.6900, 23.1548,
21.6144


185.6421,
180.4763, 182.0072

 16.7233, 14.7078,
13.3782

226.7603,
221.5910, 224.6200

 10.1315, 8.6146,
7.5557

273.5416,
268.5191, 273.4134

 5.5492, 4.4907,
3.7283

326.3513,

 2.6110, 1.9516,

321.6447, 328.8058

1.4775

385.5547,
381.3525, 391.2158

■ 0.9515, 0.5792,
0.2011

■ 0.0000, 0.0000,
0.0000

■ 70.4926, 66.4618,
64.9902

■ 70.4926, 66.4618,
64.9902

■ 62.4309, 54.6656,
48.9614

■ 79.9648, 80.3225,
83.8187

■ 55.7071, 44.8268,
35.5948

■ 90.9046, 96.3303,
105.5672

■ 50.2505, 36.8422,
24.7475

■ 92.5216, 98.6966,
108.7817

■ 45.9818, 30.5957,
16.2618

■ 42.8125, 25.9580,
9.9619

■ 40.6420, 22.7818,
5.6477

■ 39.3514, 20.8931,
3.0827

■ 38.7707, 20.0432,
1.9287

■ 38.7119, 19.9571,
1.8118

Harmonies

Analogous

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



70.9115, 66.4618, 75.9093



70.4926, 66.4618, 64.9902



68.0686, 66.4618, 56.8983

Triad

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



70.4926, 66.4618, 64.9902



57.5091, 66.4618, 59.5282



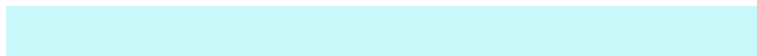
61.9601, 66.4618, 95.8511

Complementary

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



70.4926, 66.4618, 64.9902



74.8671, 86.4665, 101.5513

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.



58.5122, 66.4618, 90.4090



70.4926, 66.4618, 64.9902



56.0134, 66.4618, 68.9340

Square

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



70.4926, 66.4618, 64.9902



60.5392, 66.4618, 53.9789



56.3728, 66.4618, 80.2789



65.8758, 66.4618, 94.5150

Rectangle

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



70.4926, 66.4618, 64.9902



65.6949, 66.4618, 53.8281



56.3728, 66.4618, 80.2789



60.7105, 66.4618, 94.7344

Sweetspot

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



70.4944, 66.4648, 64.9916



87.9959, 89.6780, 94.8763



76.7759, 68.9757, 98.0746



18.6778, 18.9652, 19.9955



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.



70.4944, 66.4648, 64.9916



71.9389, 66.1823, 62.9548



76.2980, 78.0719, 66.9261



17.2448, 17.2255, 17.8784



20.9121, 10.7809, 0.9787



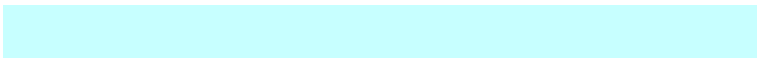
1.9369, 0.9986, 0.0907

Inverse Universe

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



74.8671, 86.4665, 101.5513



77.3349, 90.8649, 108.0704



68.2264, 73.1851, 99.3377



17.7657, 19.6083, 22.2337



27.2819, 39.9193, 54.2409



2.5268, 3.6973, 5.0237

Previews

White Background



This preview shows how the XYZ color 70.4926, 66.4618, 64.9902 looks on a white background.

Color Contrast Check

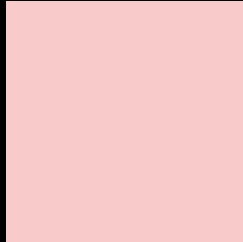
Large Text (above 18pt) WCAG AA × Fail

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 70.4926, 66.4618, 64.9902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

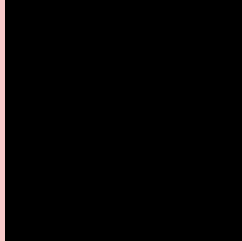
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4926, 66.4618, 64.9902

Background



This preview shows how black text looks on a background with the XYZ color 70.4926, 66.4618, 64.9902.

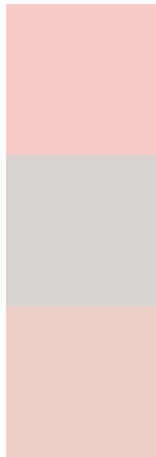


This preview shows how white text looks on a background with the XYZ color 70.4926, 66.4618,

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

70.4926, 66.4618, 64.9902

Protanopia

63.8421, 66.5465, 69.1544

Deuteranopia

67.8738, 66.5368, 64.5239



Tritanopia

72.3444, 66.5388, 73.3203

Trichromacy



Original Color

70.4926, 66.4618, 64.9902

Protanomaly

66.0096, 66.2260, 67.6963

Deuteranomaly

68.9919, 66.7569, 64.5075

Tritanomaly

71.5864, 66.5662, 70.0483

Monochromacy



Original Color

70.4926, 66.4618, 64.9902

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.0470, 67.7857, 71.1782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4926, 66.4618, 64.9902 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, 202, 202) looks like.

```
.text, #text, p{  
    color:rgb(248, 202, 202)  
}
```

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, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 202, 202) }
```

Border

The CSS property to change the border of an element to XYZ 70.4926, 66.4618, 64.9902 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, 202, 202) }
```


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

```
.border{ border-color:rgb(248, 202, 202) }
```

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

Here you see how a box with a 4 pixel rgb(248, 202, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(248, 202,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4926, 66.4618, 64.9902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 202, 202) }
```

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

```
.background{ background-color: rgb(248,  
202, 202) }
```

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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