

Converting Colors

XYZ(117.7126, 88.4525,
59.0105)

Have a look what the booklet for
XYZ(117.7126, 88.4525, 59.0105)
contains.

XYZ(69.9404, 63.9643, 56.8042)	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(69.9404, 63.9643,
56.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3BD
RGB	255, 195, 189
RGB Percent	100%, 76%, 74%
CMY	0.0000, 0.2353, 0.2588
CMYK	0.00, 0.24, 0.26, 0.00
HSL	5°, 100%, 87%
HSV	5°, 26%, 100%
XYZ	69.9404, 63.9643, 56.8042
YIQ	212.2560, 37.6860, 10.8540

Conversions

Conversions Part 2

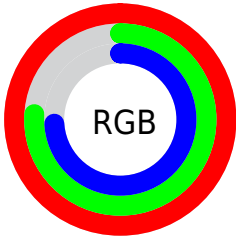
Format	Color
R _Y B	255, 196, 189
Decimal	16761789
CIE Lab	83.95, 20.60, 11.32
CIE LCh	84, 23.503, 28.788
Yxy	63.9643, 0.3667, 0.3354
Android (android.graphics.Color)	4294951869 (0xFFFFC3BD)
YUV	212.2560, -11.4652, 37.4865
Hunter-Lab	79.9777, 16.1371, 13.8736

Details

The XYZ color **69.9404, 63.9643, 56.8042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9108, 85.7874, 107.3236**, and the grayscale version is **62.8072, 66.0781, 71.9591**.

A 20% lighter version of the original color is **92.5318, 97.4734, 100.3235**, and **36.9948, 32.6976, 27.6540** is the 20% darker color. If you saturate the color by 10%, you get **62.6154, 53.3613, 41.8859**, and if you desaturate by 10%, it is **78.5615, 76.3801, 74.5568**.

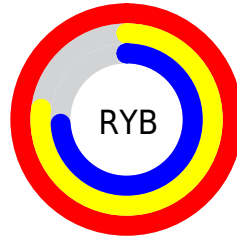
Distribution



Red (100%)

Green (76%)

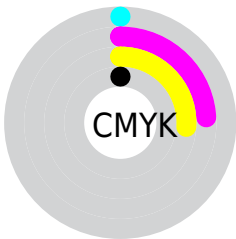
Blue (74%)



Red (100%)

Yellow (77%)

Blue (74%)

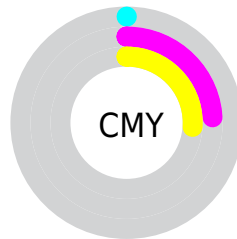


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9404, 63.9643, 56.8042 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 69.9404, 63.9643, 56.8042 by changing the saturation by 10% instead.


 69.9404, 63.9643,
56.8042

 69.9404, 63.9643,
56.8042

449.6104,
439.0607, 430.1884

 51.7574, 46.6218,
40.4397


 118.1505,
110.5595, 101.6769

 37.0352, 32.7367,
27.5652


148.9083,
140.5810, 131.0223

 25.4085, 21.9249,
17.7620

184.5883,
175.5976, 165.5317

 16.5120, 13.8017,
10.6116

225.5560,
215.9936, 205.6237

 9.9804, 7.9829,
5.6954

272.1767,
262.1536, 251.7168

 5.4481, 4.0840,
2.5950

324.8158,

 2.5499, 1.7207,

314.4618, 304.2296

0.8899

383.8386,
373.3027, 363.5806

■ 0.9205, 0.4370,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9404, 63.9643,
56.8042

■ 69.9404, 63.9643,
56.8042

■ 62.6154, 53.3613,
41.8859

■ 78.5615, 76.3801,
74.5568

■ 56.5191, 44.4782,
29.6516

■ 88.5322, 90.6789,
95.2758

■ 51.5854, 37.2267,
19.9426

95.0500, 100.0000,
108.9000

■ 47.7399, 31.5073,
12.5825

■ 44.8996, 27.2097,
7.3716

■ 42.9691, 24.2086,
4.0772

■ 41.8344, 22.3567,
2.4120

■ 41.5504, 21.8808,
2.0335

Harmonies

Analogous

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



71.2969, 63.9643, 70.2505



69.9404, 63.9643, 56.8042



66.0996, 63.9643, 48.0061

Triad

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



69.9404, 63.9643, 56.8042



52.6768, 63.9643, 55.8980



60.5860, 63.9643, 102.1990

Complementary

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



69.9404, 63.9643, 56.8042



72.9108, 85.7874, 107.3236

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.



55.7842, 63.9643, 96.9726



69.9404, 63.9643, 56.8042



51.3806, 63.9643, 69.0455

Square

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



69.9404, 63.9643, 56.8042



56.1290, 63.9643, 47.5374



52.4858, 63.9643, 84.2911



65.7151, 63.9643, 97.7259

Rectangle

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



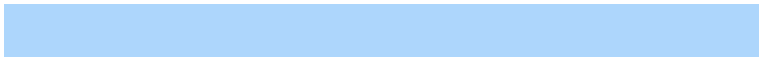
69.9404, 63.9643, 56.8042



62.7514, 63.9643, 45.2657



52.4858, 63.9643, 84.2911



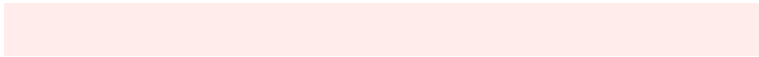
58.8819, 63.9643, 101.5065

Sweetspot

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



69.9420, 63.9672, 56.8055



86.3046, 87.4889, 90.6329



76.6149, 64.5266, 98.4489



18.1422, 18.2526, 18.7112



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.



69.9420, 63.9672, 56.8055



66.0344, 58.3183, 48.8245



78.0317, 80.1466, 59.5021



18.1422, 18.2526, 18.7112



21.7555, 11.5222, 1.0774



2.1611, 1.2075, 0.1192

Inverse Universe

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



72.9108, 85.7874, 107.3236



69.4515, 83.4609, 107.0568



63.7210, 67.4078, 104.2603



18.4052, 20.1821, 23.1754



24.5385, 33.9865, 54.7013



2.4288, 3.3884, 5.3393

Previews

White Background



This preview shows how the XYZ color 69.9404, 63.9643, 56.8042 looks on a white background.

Color Contrast Check

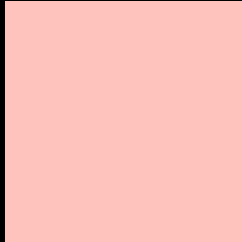
Large Text (above 18pt) WCAG AA × Fail

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 69.9404, 63.9643, 56.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

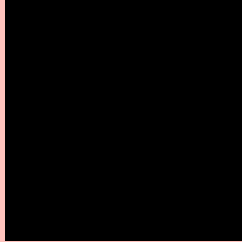
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9404, 63.9643, 56.8042

Background



This preview shows how black text looks on a background with the XYZ color 69.9404, 63.9643, 56.8042.



This preview shows how white text looks on a background with the XYZ color 69.9404, 63.9643,

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

69.9404, 63.9643, 56.8042

Protanopia

61.3795, 64.3382, 61.4080

Deuteranopia

65.4575, 64.0490, 56.4897



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

69.9404, 63.9643, 56.8042

Protanomaly

64.1735, 64.0249, 59.4278

Deuteranomaly

66.8088, 63.7108, 56.3532

Tritanomaly

70.9571, 64.0137, 63.2596

Monochromacy



Original Color

69.9404, 63.9643, 56.8042

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.9653, 64.9962, 66.2482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9404, 63.9643, 56.8042 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, 195, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 189)  
}
```

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, 195, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 189) }
```

Border

The CSS property to change the border of an element to XYZ 69.9404, 63.9643, 56.8042 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, 195, 189) }
```


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

```
.border{ border-color:rgb(255, 195, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9404, 63.9643, 56.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 189) }
```

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

```
.background{ background-color: rgb(255,  
195, 189) }
```

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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