

Converting Colors

XYZ(70.1844, 58.4829, 52.3612)

Have a look what the booklet for
XYZ(70.1844, 58.4829, 52.3612)
contains.

XYZ(65.5094, 56.1232, 52.1799)	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(65.5094, 56.1232,
52.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1B7
RGB	255, 177, 183
RGB Percent	100%, 69%, 72%
CMY	0.0000, 0.3059, 0.2823
CMYK	0.00, 0.31, 0.28, 0.00
HSL	355°, 100%, 85%
HSV	355°, 31%, 100%
XYZ	65.5094, 56.1232, 52.1799
YIQ	201.0060, 44.5620, 18.4020

Conversions

Conversions Part 2

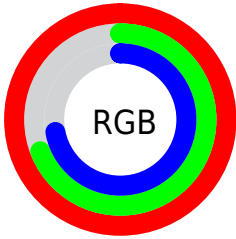
Format	Color
R _Y B	255, 177, 183
Decimal	16757175
CIE Lab	79.68, 29.23, 8.46
CIE LCh	80, 30.433, 16.143
Yxy	56.1232, 0.3769, 0.3229
Android (android.graphics.Color)	4294947255 (0xFFFFB1B7)
YUV	201.0060, -8.8770, 47.3527
Hunter-Lab	74.9154, 24.9864, 11.1443

Details

The XYZ color **65.5094, 56.1232, 52.1799** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9926, 87.7078, 102.8144**, and the grayscale version is **55.5563, 58.4496, 63.6516**.

A 20% lighter version of the original color is **85.9589, 85.7698, 93.6861**, and **34.2629, 27.8973, 24.6980** is the 20% darker color. If you saturate the color by 10%, you get **58.6864, 46.0759, 38.8116**, and if you desaturate by 10%, it is **73.6860, 68.2217, 68.0223**.

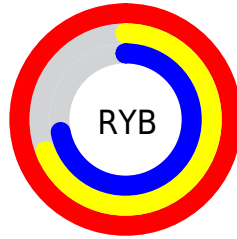
Distribution



Red (100%)

Green (69%)

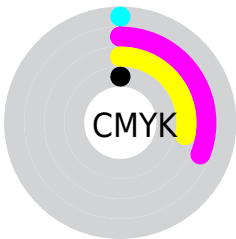
Blue (72%)



Red (100%)

Yellow (69%)

Blue (72%)

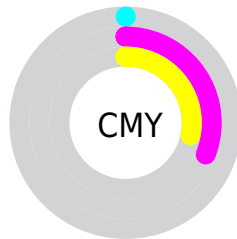


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5094, 56.1232, 52.1799 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 65.5094, 56.1232, 52.1799 by changing the saturation by 10% instead.


 65.5094, 56.1232,
52.1799

 65.5094, 56.1232,
52.1799


434.1366,
410.1556, 412.1074

 48.1405, 40.3017,
36.7653


 111.8435, 99.1847,
94.8258

 34.1499, 27.7739,
24.7314


141.5395,
127.1935, 122.8941

 23.1722, 18.1553,
15.6599


176.0751,
160.0335, 156.0174

 14.8421, 11.0615,
9.1321

215.8159,
198.0891, 194.6142

 8.7942, 6.1082,
4.7294

261.1270,
241.7447, 239.1031

 4.6632, 2.9110,
2.0335

312.3740,

 2.0838, 1.0854,

291.3848, 289.9025

0.5757

369.9220,
347.3936, 347.4311

■ 0.6804, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.5094, 56.1232,
52.1799

■ 65.5094, 56.1232,
52.1799

■ 58.6864, 46.0759,
38.8116

■ 73.6860, 68.2217,
68.0223

■ 53.1400, 37.9587,
27.7892

■ 83.2795, 82.4681,
86.4514

■ 48.7918, 31.6502,
18.9783

■ 94.3542, 98.9623,
107.5769

■ 45.5530, 27.0116,
12.2291

■ 95.0500, 100.0000,
108.9000

■ 43.3225, 23.8844,
7.3737

■ 41.9804, 22.0790,
4.2172

■ 41.3627, 21.3091,
2.5763

Harmonies

Analogous

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



65.6493, 56.1232, 69.5715



65.5094, 56.1232, 52.1799



61.9506, 56.1232, 39.8228

Triad

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



65.5094, 56.1232, 52.1799



45.2736, 56.1232, 40.5441



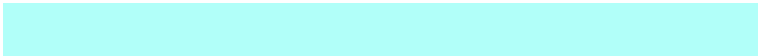
50.5649, 56.1232, 100.1752

Complementary

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



65.5094, 56.1232, 52.1799



70.9926, 87.7078, 102.8144

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.



45.5729, 56.1232, 88.8820



65.5094, 56.1232, 52.1799



42.6803, 56.1232, 53.3615

Square

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



65.5094, 56.1232, 52.1799



50.1271, 56.1232, 34.0396



42.7854, 56.1232, 71.0019



56.6944, 56.1232, 99.6906

Rectangle

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



65.5094, 56.1232, 52.1799



58.2635, 56.1232, 35.1040



42.7854, 56.1232, 71.0019



48.7085, 56.1232, 97.5495

Sweetspot

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



65.5108, 56.1258, 52.1810



84.9353, 84.9312, 89.6187



72.6625, 58.7149, 102.1111



17.8542, 17.6946, 18.5595



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.



65.5108, 56.1258, 52.1810



60.9825, 49.4511, 43.3288



72.1007, 70.2831, 51.3642



18.0660, 18.0097, 18.9648



21.6329, 11.1424, 1.4513



2.1250, 1.0924, 0.2396

Inverse Universe

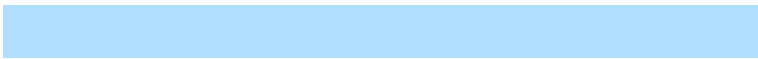
The Inverse Universe completely reimagines the original color for something new.



65.5108, 56.1258, 52.1810



60.9825, 49.4511, 43.3288



62.4379, 69.0779, 104.6503



18.0660, 18.0097, 18.9648



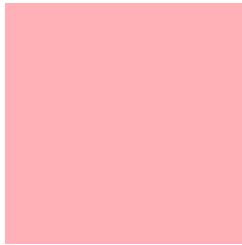
21.6329, 11.1424, 1.4513



2.1250, 1.0924, 0.2396

Previews

White Background



This preview shows how the XYZ color 65.5094, 56.1232, 52.1799 looks on a white background.

Color Contrast Check

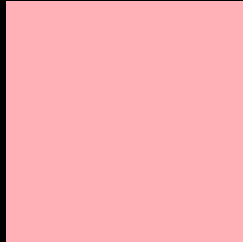
Large Text (above 18pt) WCAG AA × Fail

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 65.5094, 56.1232, 52.1799 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 65.5094, 56.1232, 52.1799

Background



This preview shows how black text looks on a background with the XYZ color 65.5094, 56.1232, 52.1799.



This preview shows how white text looks on a background with the XYZ color 65.5094, 56.1232,

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

65.5094, 56.1232, 52.1799

Protanopia

54.0610, 56.3841, 59.0728

Deuteranopia

57.3004, 56.2449, 51.0163



Tritanopia

66.0596, 56.0284, 56.0480

Trichromacy



Original Color

65.5094, 56.1232, 52.1799

Protanomaly

57.5265, 55.9168, 56.4762

Deuteranomaly

60.1603, 56.1162, 51.3768

Tritanomaly

65.7350, 55.8985, 54.3386

Monochromacy



Original Color

65.5094, 56.1232, 52.1799

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.4060, 56.9665, 58.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5094, 56.1232, 52.1799 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, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 183)  
}
```

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, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 183) }
```

Border

The CSS property to change the border of an element to XYZ 65.5094, 56.1232, 52.1799 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, 177, 183) }
```


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

```
.border{ border-color:rgb(255, 177, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5094, 56.1232, 52.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 183) }
```

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

```
.background{ background-color: rgb(255,  
177, 183) }
```

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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