

Converting Colors

XYZ(63.5628, 56.4868, 51.9215)

Have a look what the booklet for
XYZ(63.5628, 56.4868, 51.9215)
contains.

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Color

**XYZ(63.5292, 56.6075,
51.8339)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B6B6
RGB	247, 182, 182
RGB Percent	97%, 71%, 71%
CMY	0.0314, 0.2862, 0.2863
CMYK	0.00, 0.26, 0.26, 0.03
HSL	0°, 80%, 84%
HSV	0°, 26%, 97%
XYZ	63.5292, 56.6075, 51.8339
YIQ	201.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

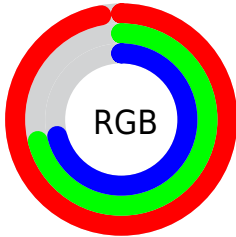
Format	Color
R _Y B	247, 182, 182
Decimal	16234166
CIE Lab	79.96, 23.55, 9.28
CIE LCh	80, 25.317, 21.506
Yxy	56.6075, 0.3694, 0.3292
Android (android.graphics.Color)	4294424246 (0xFFFF7B6B6)
YUV	201.4350, -9.5815, 39.9605
Hunter-Lab	75.2380, 19.0549, 11.8197

Details

The XYZ color **63.5292, 56.6075, 51.8339** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3395, 83.1792, 100.3965**, and the grayscale version is **55.8294, 58.7369, 63.9645**.

A 20% lighter version of the original color is **87.2472, 88.5821, 93.3886**, and **32.7990, 28.1043, 24.4649** is the 20% darker color. If you saturate the color by 10%, you get **56.5786, 46.4372, 38.0145**, and if you desaturate by 10%, it is **71.8251, 68.7471, 68.3241**.

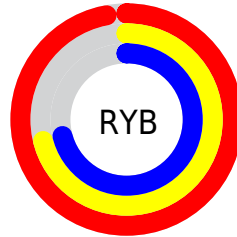
Distribution



Red (97%)

Green (71%)

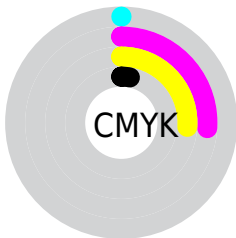
Blue (71%)



Red (97%)

Yellow (71%)

Blue (71%)

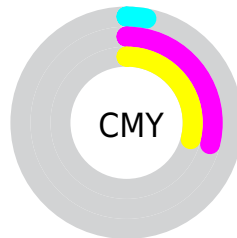


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (3%)



Cyan (3%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5292, 56.6075, 51.8339 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 63.5292, 56.6075, 51.8339 by changing the saturation by 10% instead.


 63.5292, 56.6075,
51.8339

 63.5292, 56.6075,
51.8339


427.1167,
411.9769, 410.7337

 46.5297, 40.6902,
36.4914


 109.0102, 99.8923,
94.3103

 32.8704, 28.0771,
24.5212


138.2223,
128.0285, 122.2813

 22.1860, 18.3838,
15.5050


172.2361,
161.0065, 155.2988

 14.1110, 11.2259,
9.0240

211.4169,
199.2107, 193.7814

 8.2801, 6.2190,
4.6598

256.1300,
243.0254, 238.1477

 4.3280, 2.9787,
1.9939

306.7407,

 1.8893, 1.1206,

292.8351, 288.8161

0.5515

363.6145,
349.0241, 346.2053

■ 0.5706, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5292, 56.6075,
51.8339

■ 63.5292, 56.6075,
51.8339

■ 56.5786, 46.4372,
38.0145

■ 71.8251, 68.7471,
68.3241

■ 50.8982, 38.1252,
26.7224

■ 81.5271, 82.9438,
87.6116

■ 46.4127, 31.5614,
17.8055

■ 92.1679, 98.5142,
108.7651

■ 43.0366, 26.6212,
11.0945

■ 40.6736, 23.1632,
6.3974

■ 39.2106, 21.0222,
3.4894

■ 38.5067, 19.9921,
2.0907

■ 38.3581, 19.7746,
1.7952

Harmonies

Analogous

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



64.1788, 56.6075, 65.9105



63.5292, 56.6075, 51.8339



60.1906, 56.6075, 42.0364

Triad

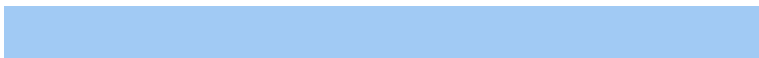
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.5292, 56.6075, 51.8339



46.4355, 56.6075, 45.6483



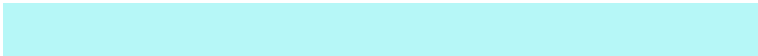
52.3576, 56.6075, 94.0700

Complementary

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



63.5292, 56.6075, 51.8339



69.3395, 83.1792, 100.3965

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.



47.8855, 56.6075, 86.5403



63.5292, 56.6075, 51.8339



44.6118, 56.6075, 57.5504

Square

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



63.5292, 56.6075, 51.8339



50.2624, 56.6075, 38.8807



45.1252, 56.6075, 72.6018



57.5076, 56.6075, 91.8871

Rectangle

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



63.5292, 56.6075, 51.8339



56.9989, 56.6075, 38.5077



45.1252, 56.6075, 72.6018



50.7302, 56.6075, 92.5526

Sweetspot

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



63.5307, 56.6101, 51.8350



85.7720, 86.4238, 90.4554



71.8746, 59.9460, 95.7784



18.0096, 17.9873, 18.6670



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.



63.5307, 56.6101, 51.8350



63.8432, 54.3359, 46.8614



70.9750, 71.4986, 54.3165



16.4993, 16.4827, 17.1094



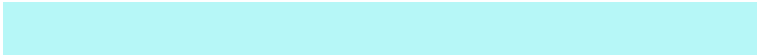
20.2863, 10.4582, 0.9494



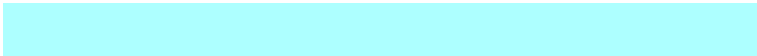
1.7830, 0.9192, 0.0835

Inverse Universe

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



69.3395, 83.1792, 100.3965



71.1301, 87.6658, 107.7800



60.2537, 65.0076, 97.3679



16.9967, 18.7576, 21.2673



26.4663, 38.7264, 52.6181



2.3262, 3.4037, 4.6246

Previews

White Background



This preview shows how the XYZ color 63.5292, 56.6075, 51.8339 looks on a white background.

Color Contrast Check

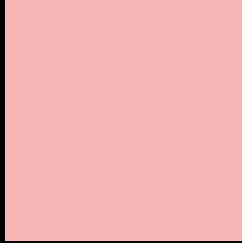
Large Text (above 18pt) WCAG AA × Fail

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 63.5292, 56.6075, 51.8339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

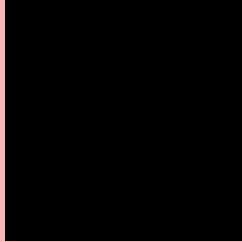
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5292, 56.6075, 51.8339

Background



This preview shows how black text looks on a background with the XYZ color 63.5292, 56.6075, 51.8339.



This preview shows how white text looks on a background with the XYZ color 63.5292, 56.6075,

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

63.5292, 56.6075, 51.8339

Protanopia

54.4999, 56.9871, 57.4174

Deuteranopia

58.1392, 57.0021, 51.1183



Tritanopia

64.7703, 56.4940, 58.5296

Trichromacy



Original Color

63.5292, 56.6075, 51.8339

Protanomaly

57.4419, 56.5458, 55.4639

Deuteranomaly

59.9280, 56.6263, 51.4875

Tritanomaly

64.5295, 56.7219, 56.2625

Monochromacy



Original Color

63.5292, 56.6075, 51.8339

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.9428, 57.3840, 59.0612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5292, 56.6075, 51.8339 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(247, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 182, 182)  
}
```

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(247, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.5292, 56.6075, 51.8339 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(247, 182, 182) }
```


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

```
.border{ border-color:rgb(247, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 182,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5292, 56.6075, 51.8339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 182, 182) }
```

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

```
.background{ background-color: rgb(247,  
182, 182) }
```

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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