

Converting Colors

XYZ(62.8133, 56.2308, 49.1129)

Have a look what the booklet for
XYZ(62.8133, 56.2308, 49.1129)
contains.

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Color

**XYZ(63.0215, 56.4044,
49.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B6B1
RGB	247, 182, 177
RGB Percent	97%, 71%, 69%
CMY	0.0314, 0.2862, 0.3059
CMYK	0.00, 0.26, 0.28, 0.03
HSL	4°, 81%, 83%
HSV	4°, 28%, 97%
XYZ	63.0215, 56.4044, 49.1605
YIQ	200.8650, 40.3450, 12.2250

Conversions

Conversions Part 2

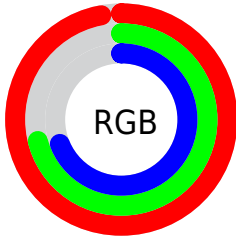
Format	Color
R _Y B	247, 182, 177
Decimal	16234161
CIE Lab	79.84, 22.88, 11.82
CIE LCh	80, 25.753, 27.310
Yxy	56.4044, 0.3738, 0.3346
Android (android.graphics.Color)	4294424241 (0xFFF7B6B1)
YUV	200.8650, -11.7654, 40.4604
Hunter-Lab	75.1029, 18.3557, 13.7622

Details

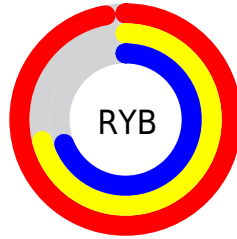
The XYZ color **63.0215, 56.4044, 49.1605** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6710, 79.5640, 99.8393**, and the grayscale version is **55.4881, 58.3778, 63.5734**.

A 20% lighter version of the original color is **86.5225, 88.2923, 89.5727**, and **32.4746, 27.9746, 22.7568** is the 20% darker color. If you saturate the color by 10%, you get **56.4606, 46.8722, 35.9068**, and if you desaturate by 10%, it is **70.8002, 67.6584, 65.0197**.

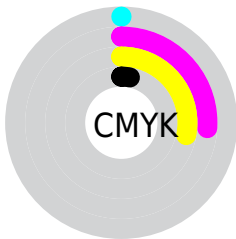
Distribution



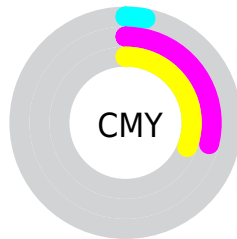
- Red (97%)
- Green (71%)
- Blue (69%)



- Red (97%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (28%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0215, 56.4044, 49.1605 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 63.0215, 56.4044, 49.1605 by changing the saturation by 10% instead.


 63.0215, 56.4044,
49.1605

 63.0215, 56.4044,
49.1605


425.3059,
411.2137, 400.0144

 46.1173, 40.5272,
34.3803


 108.2822, 99.5956,
90.3132

 32.5434, 27.9499,
22.9062


137.3694,
127.6785, 117.5229

 21.9345, 18.2879,
14.3196


171.2483,
160.5986, 149.7127

 13.9251, 11.1569,
8.2020

210.2842,
198.7406, 187.3014

 8.1499, 6.1724,
4.1349

254.8426,
242.4887, 230.7073

 4.2436, 2.9502,
1.6996

305.2888,

 1.8409, 1.1058,

292.2273, 280.3491

0.3605

361.9881,
348.3409, 336.6453

■ 0.5421, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0215, 56.4044,
49.1605

■ 63.0215, 56.4044,
49.1605

■ 56.4606, 46.8722,
35.9068

■ 70.8002, 67.6584,
65.0197

■ 51.0516, 38.9696,
25.1159

■ 79.8492, 80.7048,
83.6097

■ 46.7290, 32.6074,
16.6370

■ 90.2237, 95.6201,
105.0518

■ 43.4192, 27.6852,
10.3009

■ 92.1678, 98.5142,
108.7651

■ 41.0392, 24.0903,
5.9158

■ 39.4929, 21.6934,
3.2553

■ 38.6572, 20.3369,
2.0057

■ 38.5687, 20.1959,
1.8654

Harmonies

Analogous

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



64.2620, 56.4044, 62.7722



63.0215, 56.4044, 49.1605



59.2099, 56.4044, 40.2805

Triad

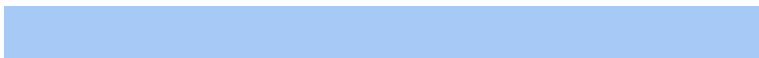
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.0215, 56.4044, 49.1605



45.6078, 56.4044, 47.1757



53.1416, 56.4044, 94.7929

Complementary

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



63.0215, 56.4044, 49.1605



66.6710, 79.5640, 99.8393

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.



48.3761, 56.4044, 88.8880



63.0215, 56.4044, 49.1605



44.2066, 56.4044, 60.0772

Square

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



63.0215, 56.4044, 49.1605



49.1411, 56.4044, 39.2719



45.1867, 56.4044, 75.5530



58.3434, 56.4044, 90.6233

Rectangle

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



63.0215, 56.4044, 49.1605



55.8434, 56.4044, 37.4460



45.1867, 56.4044, 75.5530



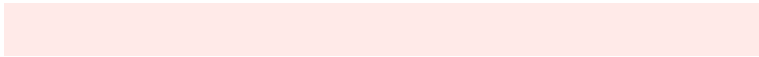
51.4383, 56.4044, 93.9012

Sweetspot

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



63.0230, 56.4070, 49.1616



85.1475, 85.7589, 88.4465



70.1574, 57.6499, 91.6971



17.9059, 17.8962, 18.2739



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.



63.0230, 56.4070, 49.1616



63.5685, 54.5637, 44.3739



71.0210, 72.4029, 51.8276



16.5943, 16.6727, 17.1411



20.4341, 10.7537, 0.9987



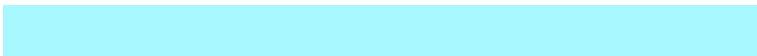
1.8285, 1.0102, 0.0986

Inverse Universe

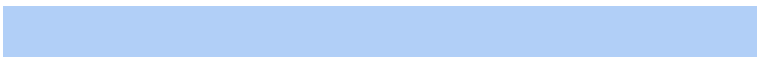
The Inverse Universe completely reimagines the original color for something new.



66.6710, 79.5640, 99.8393



68.0766, 83.2061, 107.0801



57.3142, 60.8504, 96.7203



16.8894, 18.5430, 21.2316



23.7918, 33.3774, 51.7265



2.1209, 2.9932, 4.5562

Previews

White Background



This preview shows how the XYZ color 63.0215, 56.4044, 49.1605 looks on a white background.

Color Contrast Check

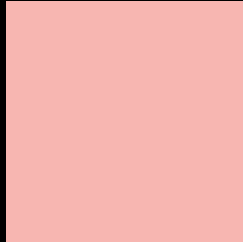
Large Text (above 18pt) WCAG AA × Fail

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 63.0215, 56.4044, 49.1605 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 63.0215, 56.4044, 49.1605

Background



This preview shows how black text looks on a background with the XYZ color 63.0215, 56.4044, 49.1605.



This preview shows how white text looks on a background with the XYZ color 63.0215, 56.4044,

49.1605.

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

63.0215, 56.4044, 49.1605

Protanopia

54.1279, 56.8701, 54.0231

Deuteranopia

57.7327, 56.5255, 48.4251



Tritanopia

65.0138, 56.6325, 57.9566

Trichromacy



Original Color

63.0215, 56.4044, 49.1605

Protanomaly

56.8083, 56.2923, 52.1274

Deuteranomaly

59.7514, 56.5935, 48.8487

Tritanomaly

64.2049, 56.5921, 54.5531

Monochromacy



Original Color

63.0215, 56.4044, 49.1605

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.7197, 57.2948, 57.8860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0215, 56.4044, 49.1605 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(247, 182, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 182, 177) }
```

Border

The CSS property to change the border of an element to XYZ 63.0215, 56.4044, 49.1605 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, 177) }
```


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

```
.border{ border-color:rgb(247, 182, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(247, 182,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0215, 56.4044, 49.1605 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, 177) }
```

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

```
.background{ background-color: rgb(247,  
182, 177) }
```

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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