

Converting Colors

XYZ(65.0344, 56.6813, 48.3131)

Have a look what the booklet for
XYZ(65.0344, 56.6813, 48.3131)
contains.

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Color

**XYZ(64.7310, 56.4062,
48.0332)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB3AF
RGB	254, 179, 175
RGB Percent	100%, 70%, 69%
CMY	0.0039, 0.2980, 0.3137
CMYK	0.00, 0.30, 0.31, 0.00
HSL	3°, 98%, 84%
HSV	3°, 31%, 100%
XYZ	64.7310, 56.4062, 48.0332
YIQ	200.9690, 45.9840, 14.6560

Conversions

Conversions Part 2

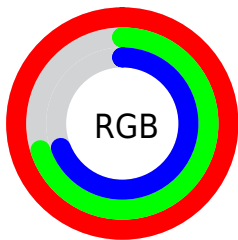
Format	Color
R_{YB}	254, 179, 175
Decimal	16692143
CIE _{Lab}	79.84, 26.78, 13.00
CIE _{LCh}	80, 29.773, 25.888
Yxy	56.4062, 0.3826, 0.3334
Android (android.graphics.Color)	4294882223 (0xFFFE _{B3AF})
YUV	200.9690, -12.8027, 46.5082
Hunter-Lab	75.1041, 22.4142, 14.6536

Details

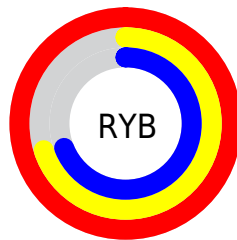
The XYZ color **64.7310, 56.4062, 48.0332** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7529, 84.6379, 106.4264**, and the grayscale version is **55.5564, 58.4496, 63.6516**.

A 20% lighter version of the original color is **85.3721, 86.4462, 87.7875**, and **33.8010, 28.0875, 22.3788** is the 20% darker color. If you saturate the color by 10%, you get **58.0498, 46.6676, 34.6343**, and if you desaturate by 10%, it is **72.7294, 68.0278, 64.1872**.

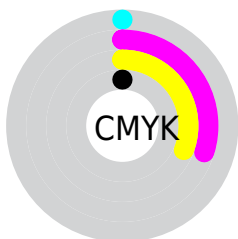
Distribution



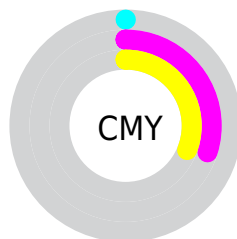
- Red (100%)
- Green (70%)
- Blue (69%)



- Red (100%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7310, 56.4062, 48.0332 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 64.7310, 56.4062, 48.0332 by changing the saturation by 10% instead.


 64.7310, 56.4062,
48.0332

 64.7310, 56.4062,
48.0332


431.3852,
411.2205, 395.4362

 47.5069, 40.5287,
33.4930


 110.7309, 99.5982,
88.6199

 33.6462, 27.9510,
22.2302


140.2374,
127.6816, 115.5035

 22.7835, 18.2887,
13.8262

174.5687,
160.6023, 147.3386

 14.5535, 11.1575,
7.8625

214.0902,
198.7448, 184.5438

 8.5909, 6.1729,
3.9206

259.1672,
242.4934, 227.5376

 4.5303, 2.9505,
1.5819

310.1652,

 2.0063, 1.1059,

292.2327, 276.7386

0.2778

367.4494,
348.3469, 332.5653

■ 0.6375, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7310, 56.4062,
48.0332

■ 64.7310, 56.4062,
48.0332

■ 58.0498, 46.6676,
34.6343

■ 72.7294, 68.0278,
64.1872

■ 52.6110, 38.7053,
23.8336

■ 82.1056, 81.6156,
83.2346

■ 48.3391, 32.4146,
15.4635

■ 92.9219, 97.2576,
105.3083

■ 45.1486, 27.6763,
9.3358

■ 94.6831, 99.8109,
108.8828

■ 42.9422, 24.3555,
5.2342

■ 41.6054, 22.2943,
2.9002

■ 41.0155, 21.3556,
1.9603

Harmonies

Analogous

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



66.0246, 56.4062, 63.8280



64.7310, 56.4062, 48.0332



60.3791, 56.4062, 37.8284

Triad

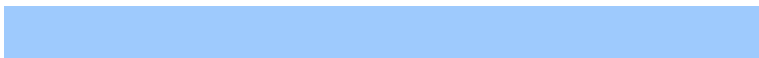
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.7310, 56.4062, 48.0332



44.5769, 56.4062, 44.6177



52.7855, 56.4062, 100.8338

Complementary

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



64.7310, 56.4062, 48.0332



69.7529, 84.6379, 106.4264

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.



47.3712, 56.4062, 93.2048



64.7310, 56.4062, 48.0332



42.8623, 56.4062, 59.0670

Square

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



64.7310, 56.4062, 48.0332



48.7092, 56.4062, 36.1312



43.8460, 56.4062, 77.0806



58.8341, 56.4062, 96.3837

Rectangle

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



64.7310, 56.4062, 48.0332



56.4885, 56.4062, 34.5203



43.8460, 56.4062, 77.0806



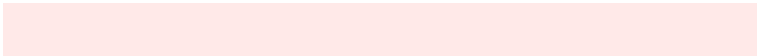
50.8357, 56.4062, 99.5638

Sweetspot

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



64.7325, 56.4089, 48.0343



85.0120, 85.4879, 88.4014



73.4665, 58.6366, 97.9296



17.8728, 17.8301, 18.2629



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.



64.7325, 56.4089, 48.0343



61.1757, 50.8878, 40.1546



73.7995, 74.5429, 51.0567



18.0832, 18.1347, 18.6916



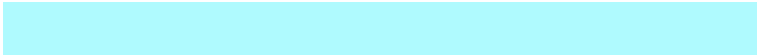
21.6540, 11.3193, 1.0435



2.1332, 1.1518, 0.1099

Inverse Universe

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



69.7529, 84.6379, 106.4264



66.9304, 83.2665, 107.1522



58.7517, 62.6355, 102.7593



18.4713, 20.3142, 23.1974



26.0682, 37.0459, 55.2112



2.5614, 3.6536, 5.3835

Previews

White Background



This preview shows how the XYZ color 64.7310, 56.4062, 48.0332 looks on a white background.

Color Contrast Check

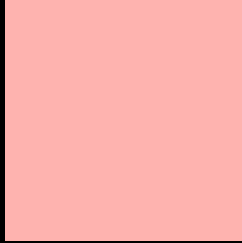
Large Text (above 18pt) WCAG AA × Fail

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 64.7310, 56.4062, 48.0332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

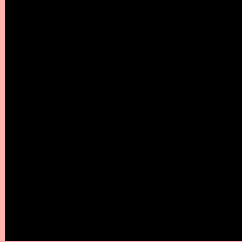
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7310, 56.4062, 48.0332

Background



This preview shows how black text looks on a background with the XYZ color 64.7310, 56.4062, 48.0332.



This preview shows how white text looks on a background with the XYZ color 64.7310, 56.4062,

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

64.7310, 56.4062, 48.0332

Protanopia

54.1279, 56.8701, 54.0231

Deuteranopia

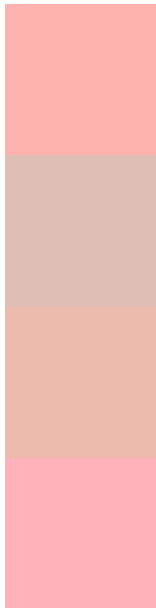
57.8522, 56.6096, 47.4128



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

64.7310, 56.4062, 48.0332

Protanomaly

57.4027, 56.2858, 51.5549

Deuteranomaly

60.3354, 56.6012, 47.7895

Tritanomaly

65.9174, 56.6036, 53.3503

Monochromacy



Original Color

64.7310, 56.4062, 48.0332

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.0996, 57.1613, 57.8402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7310, 56.4062, 48.0332 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(254, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 175)  
}
```

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(254, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 175) }
```

Border

The CSS property to change the border of an element to XYZ 64.7310, 56.4062, 48.0332 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(254, 179, 175) }
```


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

```
.border{ border-color:rgb(254, 179, 175) }
```

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

Here you see how a box with a 4 pixel rgb(254, 179, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7310, 56.4062, 48.0332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 175) }
```

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

```
.background{ background-color: rgb(254,  
179, 175) }
```

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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