

Converting Colors

XYZ(56.6035, 48.8201, 35.6934)

Have a look what the booklet for
XYZ(56.6035, 48.8201, 35.6934)
contains.

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Color

**XYZ(56.5304, 48.7399,
35.7064)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A697
RGB	244, 166, 151
RGB Percent	96%, 65%, 59%
CMY	0.0431, 0.3490, 0.4078
CMYK	0.00, 0.32, 0.38, 0.04
HSL	10°, 81%, 77%
HSV	10°, 38%, 96%
XYZ	56.5304, 48.7399, 35.7064
YIQ	187.6120, 51.3030, 11.8710

Conversions

Conversions Part 2

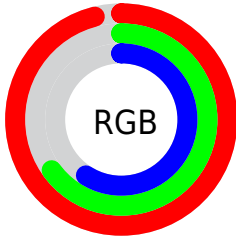
Format	Color
R_{YB}	244, 169, 151
Decimal	16033431
CIE Lab	75.29, 27.00, 19.48
CIE LCh	75, 33.289, 35.806
Yxy	48.7399, 0.4010, 0.3457
Android (android.graphics.Color)	4294223511 (0xFFFF4A697)
YUV	187.6120, -18.0497, 49.4523
Hunter-Lab	69.8140, 22.3622, 18.5459

Details

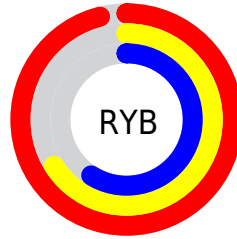
The XYZ color **56.5304, 48.7399, 35.7064** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.1098, 69.1470, 95.9248**, and the grayscale version is **47.6597, 50.1418, 54.6044**.

A 20% lighter version of the original color is **78.3807, 77.9103, 68.6647**, and **28.4551, 23.1695, 15.0290** is the 20% darker color. If you saturate the color by 10%, you get **51.3217, 41.1722, 25.1848**, and if you desaturate by 10%, it is **62.7436, 57.6600, 48.5869**.

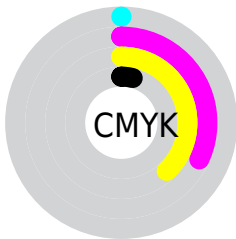
Distribution



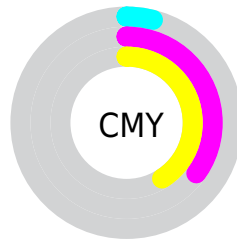
- Red (96%)
- Green (65%)
- Blue (59%)



- Red (96%)
- Yellow (66%)
- Blue (59%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5304, 48.7399, 35.7064 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 56.5304, 48.7399, 35.7064 by changing the saturation by 10% instead.


 56.5304, 48.7399,
35.7064


 56.5304, 48.7399,
35.7064


401.7300,
381.7175, 342.6740

 40.8670, 34.4132,
23.9196


 98.9150, 88.3050,
69.7426

 28.4024, 23.2112,
15.0624

 126.3669,
114.3122, 92.8291

 18.7712, 14.7495,
8.7161

158.4790,
144.9817, 120.5193

 11.6081, 8.6438,
4.4622

195.6166,
180.6979, 153.2316

 6.5477, 4.5096,
1.8822

238.1452,
221.8452, 191.3848

 3.2247, 1.9625,
0.4813

286.4301,

 1.2737, 0.5856,

268.8080, 235.3972

0.0000

340.8365,
321.9706, 285.6874

■ 0.1634, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5304, 48.7399,
35.7064

■ 56.5304, 48.7399,
35.7064

■ 51.3217, 41.1722,
25.1848

■ 62.7436, 57.6600,
48.5869

■ 47.0603, 34.8839,
16.8757

■ 70.0069, 67.9870,
63.9549

■ 43.6889, 29.8056,
10.6208

■ 78.3676, 79.7808,
81.9331

■ 41.1424, 25.8584,
6.2395

■ 87.8691, 93.0959,
102.6350

■ 39.3461, 22.9538,
3.5192

■ 91.1183, 97.9731,
108.7160

■ 38.2056, 20.9875,
2.1695

■ 38.0460, 20.7085,
1.9919

Harmonies

Analogous

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



59.0352, 48.7399, 49.7353



56.5304, 48.7399, 35.7064



51.3133, 48.7399, 27.8989

Triad

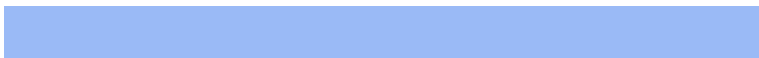
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5304, 48.7399, 35.7064



36.4073, 48.7399, 40.4312



47.5255, 48.7399, 94.1129

Complementary

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



56.5304, 48.7399, 35.7064



57.1098, 69.1470, 95.9248

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.



41.6724, 48.7399, 90.0914



56.5304, 48.7399, 35.7064



35.5855, 48.7399, 56.5494

Square

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



56.5304, 48.7399, 35.7064



39.7819, 48.7399, 30.1772



37.4297, 48.7399, 75.3079



53.5506, 48.7399, 85.3301

Rectangle

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



56.5304, 48.7399, 35.7064



47.1910, 48.7399, 26.0725



37.4297, 48.7399, 75.3079



45.4713, 48.7399, 94.2340

Sweetspot

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



56.5317, 48.7423, 35.7074



83.8075, 84.2218, 84.4762



62.6651, 47.0827, 80.6850



17.6644, 17.6410, 17.4913



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.



56.5317, 48.7423, 35.7074



57.7995, 47.0739, 29.9708



66.3006, 68.2802, 38.9637



16.7151, 16.9142, 17.1814



20.7513, 11.3882, 1.1044



1.8857, 1.1246, 0.1177

Inverse Universe

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



57.1098, 69.1470, 95.9248



58.4984, 72.6313, 105.5438



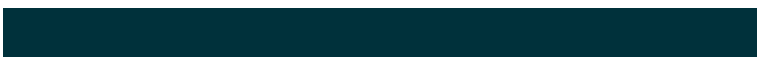
46.1392, 47.2058, 92.2679



16.7557, 18.2758, 21.1870



20.7867, 27.3672, 50.7249



1.8865, 2.5244, 4.4781

Previews

White Background



This preview shows how the XYZ color 56.5304, 48.7399, 35.7064 looks on a white background.

Color Contrast Check

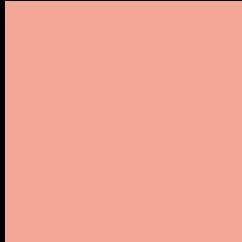
Large Text (above 18pt) WCAG AA × Fail

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 56.5304, 48.7399, 35.7064 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 56.5304, 48.7399, 35.7064

Background



This preview shows how black text looks on a background with the XYZ color 56.5304, 48.7399, 35.7064.



This preview shows how white text looks on a background with the XYZ color 56.5304, 48.7399,

35.7064.

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

56.5304, 48.7399, 35.7064

Protanopia

46.1998, 48.8381, 40.2494

Deuteranopia

49.6641, 48.6096, 35.1988



Tritanopia

58.8411, 48.8824, 46.8914

Trichromacy



Original Color

56.5304, 48.7399, 35.7064

Protanomaly

49.4468, 48.4212, 38.6384

Deuteranomaly

52.0051, 48.6429, 35.5022

Tritanomaly

57.8146, 48.7166, 42.4325

Monochromacy



Original Color

56.5304, 48.7399, 35.7064

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.0715, 49.1476, 47.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5304, 48.7399, 35.7064 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(244, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(244, 166, 151)  
}
```

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(244, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 166, 151) }
```

Border

The CSS property to change the border of an element to XYZ 56.5304, 48.7399, 35.7064 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(244, 166, 151) }
```


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

```
.border{ border-color:rgb(244, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(244, 166,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5304, 48.7399, 35.7064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 166, 151) }
```

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

```
.background{ background-color: rgb(244,  
166, 151) }
```

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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