

Converting Colors

XYZ(55.7422, 47.6355, 48.6640)

Have a look what the booklet for
XYZ(55.7422, 47.6355, 48.6640)
contains.

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Color

**XYZ(55.6731, 47.4678,
48.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA4B3
RGB	235, 164, 179
RGB Percent	92%, 64%, 70%
CMY	0.0784, 0.3568, 0.2980
CMYK	0.00, 0.30, 0.24, 0.08
HSL	347°, 64%, 78%
HSV	347°, 30%, 92%
XYZ	55.6731, 47.4678, 48.8757
YIQ	186.9390, 37.5010, 19.7170

Conversions

Conversions Part 2

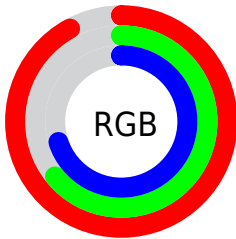
Format	Color
R _Y B	235, 164, 179
Decimal	15443123
CIE _{Lab}	74.49, 28.31, 2.88
CIE _{LCh}	74, 28.461, 5.806
Y _{xy}	47.4678, 0.3662, 0.3123
Android (android.graphics.Color)	4293633203 (0xFFEBA4B3)
Y _{UV}	186.9390, -3.9139, 42.1495
Hunter-Lab	68.8969, 23.6699, 6.1673

Details

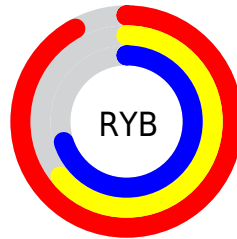
The XYZ color **55.6731, 47.4678, 48.8757** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.9385, 72.4776, 78.6498**, and the grayscale version is **47.2074, 49.6659, 54.0862**.

A 20% lighter version of the original color is **81.5669, 77.9212, 89.3385**, and **27.8104, 22.3402, 22.5850** is the 20% darker color. If you saturate the color by 10%, you get **50.0992, 39.1210, 38.3818**, and if you desaturate by 10%, it is **62.2787, 57.4739, 60.9580**.

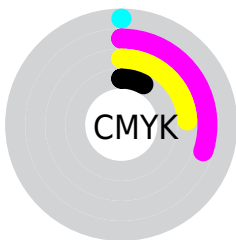
Distribution



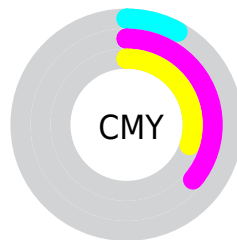
- Red (92%)
- Green (64%)
- Blue (70%)



- Red (92%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (8%)





- Cyan (8%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6731, 47.4678, 48.8757 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 55.6731, 47.4678, 48.8757 by changing the saturation by 10% instead.


 55.6731, 47.4678,
48.8757


 55.6731, 47.4678,
48.8757


398.5534,
376.6787, 398.8612

 40.1769, 33.4056,
34.1560


 97.6690, 86.4115,
89.8859

 27.8613, 22.4374,
22.7351


 124.8994,
112.0618, 117.0134

 18.3610, 14.1786,
14.1946


156.7720,
142.3436, 149.1140

 11.3108, 8.2450,
8.1158

193.6519,
177.6412, 186.6062

 6.3451, 4.2521,
4.0803

235.9047,
218.3392, 229.9084

 3.0987, 1.8156,
1.6695

283.8956,

 1.2062, 0.4969,

264.8218, 279.4393

0.3397

337.9901,
317.4735, 335.6174

■ 0.1112, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6731, 47.4678,
48.8757

■ 55.6731, 47.4678,
48.8757

■ 50.0992, 39.1210,
38.3818

■ 62.2787, 57.4739,
60.9580

■ 45.5002, 32.3370,
29.4064

■ 69.9611, 69.2155,
74.6885

■ 41.8197, 27.0199,
21.8789

■ 78.7674, 82.7722,
90.1277

■ 38.9940, 23.0602,
15.7214

■ 87.7741, 96.2835,
107.0097

■ 36.9505, 20.3330,
10.8487

■ 88.0711, 96.4022,
108.5734

■ 35.6043, 18.6900,
7.1650

■ 34.8290, 17.8894,
4.5939

Harmonies

Analogous

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



54.7386, 47.4678, 64.1650



55.6731, 47.4678, 48.8757



53.6100, 47.4678, 36.8396

Triad

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



55.6731, 47.4678, 48.8757



39.5818, 47.4678, 31.9711



41.1888, 47.4678, 82.0166

Complementary

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



55.6731, 47.4678, 48.8757



57.9385, 72.4776, 78.6498

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.



37.5715, 47.4678, 70.0613



55.6731, 47.4678, 48.8757



36.6941, 47.4678, 40.9371

Square

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



55.6731, 47.4678, 48.8757



44.1250, 47.4678, 28.3422



35.9870, 47.4678, 54.5986



46.1231, 47.4678, 85.2409

Rectangle

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



55.6731, 47.4678, 48.8757



50.8981, 47.4678, 31.6411



35.9870, 47.4678, 54.5986



39.7906, 47.4678, 78.7880

Sweetspot

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



55.6744, 47.4700, 48.8767



85.3818, 85.1098, 91.9699



57.6718, 47.7074, 84.7664



17.9632, 17.7382, 19.1337



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.



55.6744, 47.4700, 48.8767



62.8773, 50.9273, 51.0920



58.1281, 54.6741, 42.6143



15.1956, 15.1061, 16.3155



19.4215, 9.9713, 2.7551



1.5595, 0.7968, 0.3977

Inverse Universe

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



55.6744, 47.4700, 48.8767



62.8773, 50.9273, 51.0920



54.5778, 62.4338, 87.7720



15.1956, 15.1061, 16.3155



19.4215, 9.9713, 2.7551



1.5595, 0.7968, 0.3977

Previews

White Background



This preview shows how the XYZ color 55.6731, 47.4678, 48.8757 looks on a white background.

Color Contrast Check

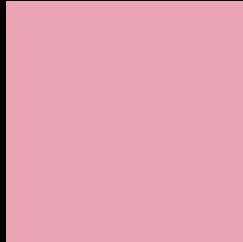
Large Text (above 18pt) WCAG AA × Fail

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 55.6731, 47.4678, 48.8757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

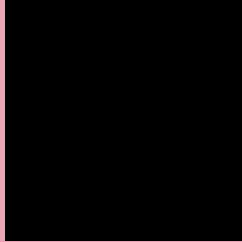
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6731, 47.4678, 48.8757

Background



This preview shows how black text looks on a background with the XYZ color 55.6731, 47.4678, 48.8757.



This preview shows how white text looks on a background with the XYZ color 55.6731, 47.4678,

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

55.6731, 47.4678, 48.8757

Protanopia

46.2353, 47.8990, 55.5238

Deuteranopia

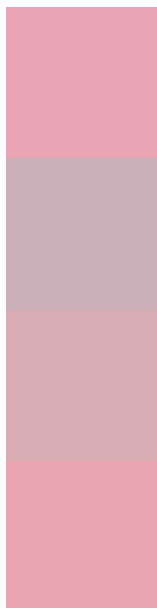
48.5598, 47.4560, 48.1955



Tritanopia

55.4722, 47.3874, 47.8180

Trichromacy



Original Color

55.6731, 47.4678, 48.8757

Protanomaly

49.0169, 47.2923, 52.9992

Deuteranomaly

50.8127, 47.1665, 48.5454

Tritanomaly

55.5723, 47.4274, 48.3449

Monochromacy



Original Color

55.6731, 47.4678, 48.8757

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.6737, 48.5383, 52.0981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6731, 47.4678, 48.8757 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(235, 164, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 164, 179)  
}
```

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(235, 164, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 164, 179) }
```

Border

The CSS property to change the border of an element to XYZ 55.6731, 47.4678, 48.8757 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(235, 164, 179) }
```


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

```
.border{ border-color:rgb(235, 164, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 164, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 164, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 164, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 164,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6731, 47.4678, 48.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 164, 179) }
```

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

```
.background{ background-color: rgb(235,  
164, 179) }
```

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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