

Converting Colors

XYZ(56.2000, 48.4171, 46.0613)

Have a look what the booklet for
XYZ(56.2000, 48.4171, 46.0613)
contains.

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Color

**XYZ(56.1041, 48.2941,
45.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA6AD
RGB	237, 166, 173
RGB Percent	93%, 65%, 68%
CMY	0.0706, 0.3490, 0.3216
CMYK	0.00, 0.30, 0.27, 0.07
HSL	354°, 66%, 79%
HSV	354°, 30%, 93%
XYZ	56.1041, 48.2941, 45.8998
YIQ	188.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

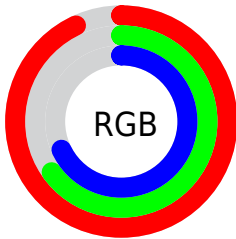
Format	Color
RYB	237, 166, 173
Decimal	15574701
CIELab	75.01, 27.14, 6.95
CIELCh	75, 28.018, 14.367
Yxy	48.2941, 0.3733, 0.3213
Android (android.graphics.Color)	4293764781 (0xFFEDA6AD)
YUV	188.0270, -7.4083, 42.9493
Hunter-Lab	69.4940, 22.4928, 9.4855

Details

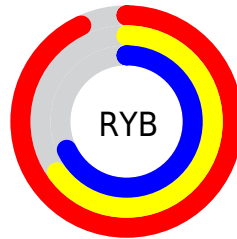
The XYZ color **56.1041, 48.2941, 45.8998** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.2951, 74.3897, 86.0476**, and the grayscale version is **47.8413, 50.3327, 54.8123**.

A 20% lighter version of the original color is **81.3649, 79.1040, 84.3790**, and **28.1787, 22.8940, 21.0230** is the 20% darker color. If you saturate the color by 10%, you get **50.2815, 39.6969, 34.5619**, and if you desaturate by 10%, it is **63.0538, 58.6158, 59.2454**.

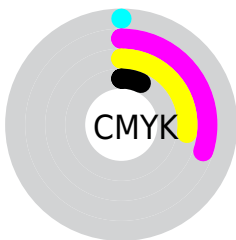
Distribution



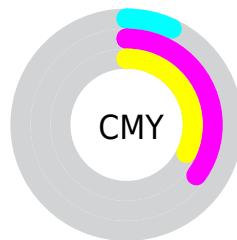
- Red (93%)
- Green (65%)
- Blue (68%)



- Red (93%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1041, 48.2941, 45.8998 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 56.1041, 48.2941, 45.8998 by changing the saturation by 10% instead.


 56.1041, 48.2941,
45.8998


 56.1041, 48.2941,
45.8998


400.1524,
379.9567, 386.6715

 40.5237, 34.0598,
31.8187


 98.2957, 87.6421,
85.4017

 28.1331, 22.9396,
20.9594

 125.6376,
113.5247, 111.6596

 18.5670, 14.5489,
12.9033


157.6308,
144.0588, 142.8135

 11.4600, 8.5034,
7.2321

194.6405,
179.6289, 179.2818

 6.4467, 4.4187,
3.5270

237.0322,
220.6193, 221.4833

 3.1618, 1.9104,
1.3696

285.1711,

 1.2399, 0.5546,

267.4145, 269.8364

0.1179

339.4227,
320.3988, 324.7596

■ 0.1375, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1041, 48.2941,
45.8998

■ 56.1041, 48.2941,
45.8998

■ 50.2815, 39.6969,
34.5619

■ 63.0538, 58.6158,
59.2454

■ 45.5227, 32.7236,
25.1317

■ 71.1816, 70.7416,
74.6863

■ 41.7642, 27.2742,
17.5048

■ 80.5401, 84.7544,
92.3084

■ 38.9340, 23.2343,
11.5659

■ 88.7352, 96.7446,
108.6045

■ 36.9506, 20.4737,
7.1859

■ 35.7179, 18.8379,
4.2172

■ 35.0855, 18.0706,
2.4731

■ 35.0834, 18.0679,
2.4676

Harmonies

Analogous

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



56.0399, 48.2941, 60.5453



56.1041, 48.2941, 45.8998



53.2981, 48.2941, 35.2447

Triad

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



56.1041, 48.2941, 45.8998



39.3625, 48.2941, 34.9089



43.3025, 48.2941, 84.6409

Complementary

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



56.1041, 48.2941, 45.8998



60.2951, 74.3897, 86.0476

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.



39.2241, 48.2941, 74.8417



56.1041, 48.2941, 45.8998



37.0672, 48.2941, 45.3532

Square

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



56.1041, 48.2941, 45.8998



43.5046, 48.2941, 29.7453



37.0185, 48.2941, 59.8877



48.3861, 48.2941, 84.8623

Rectangle

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



56.1041, 48.2941, 45.8998



50.2896, 48.2941, 31.0576



37.0185, 48.2941, 59.8877



41.7775, 48.2941, 82.2868

Sweetspot

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



56.1054, 48.2964, 45.9008



85.0067, 84.9598, 89.9951



61.5248, 50.1957, 86.5671



17.8716, 17.7016, 18.6513



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.



56.1054, 48.2964, 45.9008



61.8427, 50.5135, 45.6438



61.1904, 59.5215, 44.3430



15.1258, 15.0782, 15.9476



19.1757, 9.8729, 1.4604



1.5262, 0.7834, 0.2223

Inverse Universe

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



56.1054, 48.2964, 45.9008



61.8427, 50.5135, 45.6438



53.7163, 59.6283, 88.7993



15.1258, 15.0782, 15.9476



19.1757, 9.8729, 1.4604



1.5262, 0.7834, 0.2223

Previews

White Background



This preview shows how the XYZ color 56.1041, 48.2941, 45.8998 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 56.1041, 48.2941, 45.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

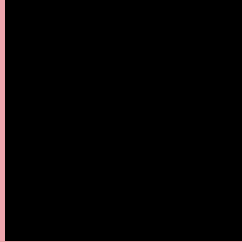
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1041, 48.2941, 45.8998

Background



This preview shows how black text looks on a background with the XYZ color 56.1041, 48.2941, 45.8998.



This preview shows how white text looks on a background with the XYZ color 56.1041, 48.2941,

45.8998.

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

56.1041, 48.2941, 45.8998

Protanopia

46.6740, 48.5187, 51.7048

Deuteranopia

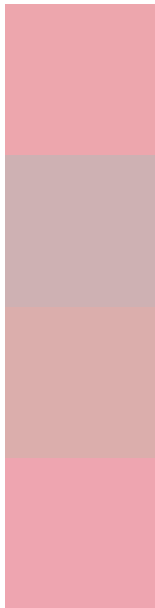
49.4832, 48.5904, 45.2989



Tritanopia

56.7509, 48.3018, 48.4516

Trichromacy



Original Color

56.1041, 48.2941, 45.8998

Protanomaly

49.3124, 47.8208, 49.2791

Deuteranomaly

51.7959, 48.3107, 45.6247

Tritanomaly

56.5515, 48.2220, 47.4015

Monochromacy



Original Color

56.1041, 48.2941, 45.8998

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.3221, 49.1832, 51.6408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1041, 48.2941, 45.8998 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(237, 166, 173)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 173)  
}
```

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(237, 166, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 173) }
```

Border

The CSS property to change the border of an element to XYZ 56.1041, 48.2941, 45.8998 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(237, 166, 173) }
```


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

```
.border{ border-color:rgb(237, 166, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1041, 48.2941, 45.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 173) }
```

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

```
.background{ background-color: rgb(237,  
166, 173) }
```

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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