

Converting Colors

XYZ(56.0167, 47.1524, 47.2232)

Have a look what the booklet for
XYZ(56.0167, 47.1524, 47.2232)
contains.

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Color

**XYZ(56.0167, 47.1524,
47.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA2B0
RGB	238, 162, 176
RGB Percent	93%, 64%, 69%
CMY	0.0667, 0.3647, 0.3098
CMYK	0.00, 0.32, 0.26, 0.07
HSL	349°, 69%, 78%
HSV	349°, 32%, 93%
XYZ	56.0167, 47.1524, 47.2232
YIQ	186.3200, 40.8020, 20.4660

Conversions

Conversions Part 2

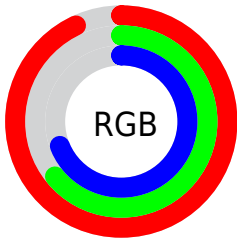
Format	Color
R _Y B	238, 162, 176
Decimal	15639216
CIE Lab	74.29, 30.04, 4.28
CIE LCh	74, 30.343, 8.106
Yxy	47.1524, 0.3725, 0.3135
Android (android.graphics.Color)	4293829296 (0xFFEEA2B0)
YUV	186.3200, -5.0878, 45.3234
Hunter-Lab	68.6676, 25.4459, 7.2932

Details

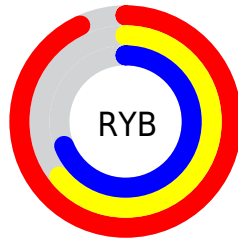
The XYZ color **56.0167, 47.1524, 47.2232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.9314, 74.2134, 81.7434**, and the grayscale version is **46.8643, 49.3049, 53.6930**.

A 20% lighter version of the original color is **80.6183, 76.7119, 86.9018**, and **28.1628, 22.2163, 21.8726** is the 20% darker color. If you saturate the color by 10%, you get **50.4284, 38.8335, 36.5502**, and if you desaturate by 10%, it is **62.6758, 57.1724, 59.6100**.

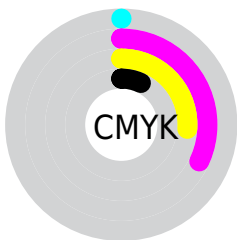
Distribution



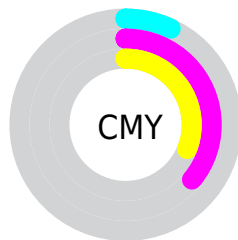
- Red (93%)
- Green (64%)
- Blue (69%)



- Red (93%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (7%)





- Cyan (7%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0167, 47.1524, 47.2232 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 56.0167, 47.1524, 47.2232 by changing the saturation by 10% instead.


 56.0167, 47.1524,
47.2232


 56.0167, 47.1524,
47.2232


399.8284,
375.4225, 392.1243

 40.4534, 33.1561,
32.8565

 98.1687, 85.9411,
87.4002

 28.0780, 22.2461,
21.7463


 125.4880,
111.5023, 114.0475

 18.5252, 14.0378,
13.4741


157.4567,
141.6872, 145.6256

 11.4297, 8.1470,
7.6213

194.4402,
176.8804, 182.5528

 6.4260, 4.1891,
3.7693

236.8037,
217.4661, 225.2477

 3.1489, 1.7799,
1.4997

284.9127,

 1.2330, 0.4746,

263.8287, 274.1289

0.2177

339.1325,
316.3528, 329.6149

■ 0.1322, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0167, 47.1524,
47.2232

■ 56.0167, 47.1524,
47.2232

■ 50.4284, 38.8335,
36.5502

■ 62.6758, 57.1724,
59.6100

■ 45.8506, 32.1146,
27.5119

■ 70.4540, 68.9740,
73.7790

■ 42.2227, 26.8942,
20.0275

■ 79.4016, 82.6403,
89.7983

■ 39.4760, 23.0566,
14.0076

■ 88.8565, 96.8318,
107.4956

■ 37.5323, 20.4687,
9.3538

■ 89.0700, 96.9172,
108.6201

■ 36.2988, 18.9709,
5.9544

■ 35.7115, 18.3578,
4.0273

Harmonies

Analogous

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



55.2643, 47.1524, 63.3695



56.0167, 47.1524, 47.2232



53.5820, 47.1524, 34.9532

Triad

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



56.0167, 47.1524, 47.2232



38.6541, 47.1524, 31.1555



41.0205, 47.1524, 84.5394

Complementary

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



56.0167, 47.1524, 47.2232



58.9314, 74.2134, 81.7434

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.



37.0640, 47.1524, 72.1858



56.0167, 47.1524, 47.2232



35.7769, 47.1524, 40.9398

Square

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



56.0167, 47.1524, 47.2232



43.3551, 47.1524, 26.9855



35.2193, 47.1524, 55.6914



46.3113, 47.1524, 87.1674

Rectangle

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



56.0167, 47.1524, 47.2232



50.5869, 47.1524, 29.8372



35.2193, 47.1524, 55.6914



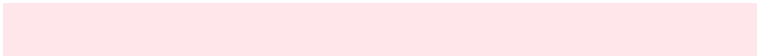
39.5033, 47.1524, 81.2812

Sweetspot

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



56.0180, 47.1546, 47.2241



84.2773, 83.5275, 89.6702



58.7244, 47.6723, 86.9958



17.7388, 17.4213, 18.6527



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.



56.0180, 47.1546, 47.2241



61.3150, 48.8803, 47.2490



59.0902, 55.4022, 41.7645



15.8917, 15.8064, 16.9858



19.9575, 10.2554, 2.4268



1.6931, 0.8663, 0.3747

Inverse Universe

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



56.0180, 47.1546, 47.2241



61.3150, 48.8803, 47.2490



54.6861, 62.5589, 90.0820



15.8917, 15.8064, 16.9858



19.9575, 10.2554, 2.4268



1.6931, 0.8663, 0.3747

Previews

White Background



This preview shows how the XYZ color 56.0167, 47.1524, 47.2232 looks on a white background.

Color Contrast Check

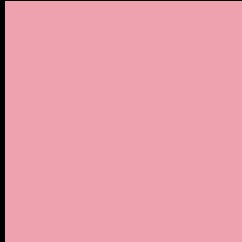
Large Text (above 18pt) WCAG AA × Fail

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 56.0167, 47.1524, 47.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

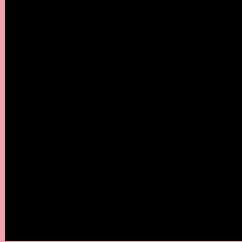
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0167, 47.1524, 47.2232

Background



This preview shows how black text looks on a background with the XYZ color 56.0167, 47.1524, 47.2232.



This preview shows how white text looks on a background with the XYZ color 56.0167, 47.1524, 47.2232.

47.2232.

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

56.0167, 47.1524, 47.2232

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

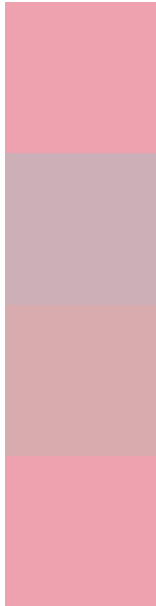
48.1668, 47.2988, 46.1261



Tritanopia

55.9181, 47.1129, 46.7039

Trichromacy



Original Color

56.0167, 47.1524, 47.2232

Protanomaly

48.7791, 46.9162, 51.2845

Deuteranomaly

50.7114, 47.1600, 46.4744

Tritanomaly

55.9181, 47.1129, 46.7039

Monochromacy



Original Color

56.0167, 47.1524, 47.2232

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.3425, 47.8008, 50.8818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0167, 47.1524, 47.2232 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(238, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(238, 162, 176)  
}
```

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(238, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 162, 176) }
```

Border

The CSS property to change the border of an element to XYZ 56.0167, 47.1524, 47.2232 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(238, 162, 176) }
```


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

```
.border{ border-color:rgb(238, 162, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(238, 162,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0167, 47.1524, 47.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 162, 176) }
```

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

```
.background{ background-color: rgb(238,  
162, 176) }
```

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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