

Converting Colors

XYZ(55.3292, 47.0832, 46.2162)

Have a look what the booklet for
XYZ(55.3292, 47.0832, 46.2162)
contains.

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Color

**XYZ(55.3292, 47.0832,
46.2162)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA3AE
RGB	236, 163, 174
RGB Percent	93%, 64%, 68%
CMY	0.0745, 0.3608, 0.3176
CMYK	0.00, 0.31, 0.26, 0.07
HSL	351°, 66%, 78%
HSV	351°, 31%, 93%
XYZ	55.3292, 47.0832, 46.2162
YIQ	186.0810, 39.9770, 18.8970

Conversions

Conversions Part 2

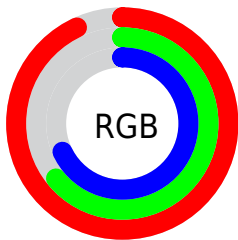
Format	Color
R _Y B	236, 163, 174
Decimal	15508398
CIE Lab	74.24, 28.51, 5.29
CIE LCh	74, 28.994, 10.504
Yxy	47.0832, 0.3723, 0.3168
Android (android.graphics.Color)	4293698478 (0xFFECA3AE)
YUV	186.0810, -5.9559, 43.7790
Hunter-Lab	68.6172, 23.8527, 8.0980

Details

The XYZ color **55.3292, 47.0832, 46.2162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.6923, 73.2147, 82.2762**, and the grayscale version is **46.7352, 49.1691, 53.5451**.

A 20% lighter version of the original color is **80.4543, 77.0600, 84.7624**, and **27.6792, 22.1407, 21.2271** is the 20% darker color. If you saturate the color by 10%, you get **49.7127, 38.7475, 35.4115**, and if you desaturate by 10%, it is **62.0218, 57.1037, 58.8194**.

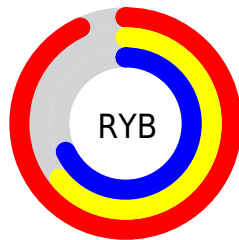
Distribution



Red (93%)

Green (64%)

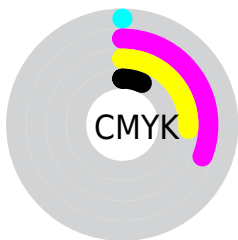
Blue (68%)



Red (93%)

Yellow (64%)

Blue (68%)

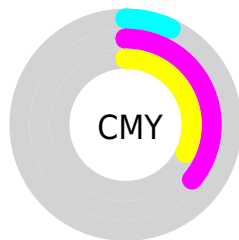


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3292, 47.0832, 46.2162 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 55.3292, 47.0832, 46.2162 by changing the saturation by 10% instead.


 55.3292, 47.0832,
46.2162


 55.3292, 47.0832,
46.2162


397.2747,
375.1465, 387.9800

 39.9002, 33.1014,
32.0666


 97.1686, 85.8378,
85.8802

 27.6446, 22.2042,
21.1471


 124.3098,
111.3794, 112.2316

 18.1970, 14.0070,
13.0393


156.0858,
141.5431, 143.4873

 11.1921, 8.1255,
7.3246

192.8619,
176.7133, 180.0659

 6.2644, 4.1754,
3.5844

235.0035,
217.2743, 222.3860

 3.0487, 1.7721,
1.4002

282.8759,

 1.1796, 0.4697,

263.6106, 270.8659

0.1419

336.8445,
316.1065, 325.9244

■ 0.0902, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3292, 47.0832,
46.2162

■ 55.3292, 47.0832,
46.2162

■ 49.7127, 38.7475,
35.4115

■ 62.0218, 57.1037,
58.8194

■ 45.1121, 31.9977,
26.3202

■ 69.8389, 68.8876,
73.2953

■ 41.4668, 26.7348,
18.8544

■ 78.8307, 82.5165,
89.7172

■ 38.7085, 22.8457,
12.9170

■ 88.2707, 96.5203,
107.8964

■ 36.7592, 20.2015,
8.4008

■ 88.4022, 96.5729,
108.5889

■ 35.5274, 18.6481,
5.1839

■ 34.9038, 17.9575,
3.2597

Harmonies

Analogous

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



54.8628, 47.0832, 61.4374



55.3292, 47.0832, 46.2162



52.7994, 47.0832, 34.8133

Triad

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



55.3292, 47.0832, 46.2162



38.5611, 47.0832, 32.4161



41.4939, 47.0832, 83.3054

Complementary

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



55.3292, 47.0832, 46.2162



58.6923, 73.2147, 82.2762

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.



37.5654, 47.0832, 72.2238



55.3292, 47.0832, 46.2162



35.9652, 47.0832, 42.2835

Square

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



55.3292, 47.0832, 46.2162



42.9515, 47.0832, 27.9343



35.6154, 47.0832, 56.6700



46.6005, 47.0832, 84.9230

Rectangle

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



55.3292, 47.0832, 46.2162



49.8612, 47.0832, 30.1479



35.6154, 47.0832, 56.6700



40.0028, 47.0832, 80.4751

Sweetspot

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



55.3305, 47.0854, 46.2171



85.1795, 85.0289, 90.9046



58.9278, 48.0735, 85.5304



17.9138, 17.7184, 18.8733



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.



55.3305, 47.0854, 46.2171



61.6481, 49.7173, 46.8337



59.0455, 56.1614, 42.3813



15.1579, 15.0910, 16.1170



19.2688, 9.9102, 1.9508



1.5415, 0.7896, 0.3028

Inverse Universe

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



55.3305, 47.0854, 46.2171



61.6481, 49.7173, 46.8337



53.7066, 60.7648, 88.2552



15.1579, 15.0910, 16.1170



19.2688, 9.9102, 1.9508



1.5415, 0.7896, 0.3028

Previews

White Background



This preview shows how the XYZ color 55.3292, 47.0832, 46.2162 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 55.3292, 47.0832, 46.2162 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 55.3292, 47.0832, 46.2162

Background



This preview shows how black text looks on a background with the XYZ color 55.3292, 47.0832, 46.2162.



This preview shows how white text looks on a background with the XYZ color 55.3292, 47.0832,

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

55.3292, 47.0832, 46.2162

Protanopia

45.7346, 47.3978, 52.6372

Deuteranopia

48.3454, 47.4020, 45.6311



Tritanopia

55.4271, 47.1224, 46.7316

Trichromacy



Original Color

55.3292, 47.0832, 46.2162

Protanomaly

48.5723, 46.8335, 50.1958

Deuteranomaly

50.6143, 47.1211, 45.9628

Tritanomaly

55.4271, 47.1224, 46.7316

Monochromacy



Original Color

55.3292, 47.0832, 46.2162

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.2657, 48.0556, 50.9350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3292, 47.0832, 46.2162 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(236, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(236, 163, 174)  
}
```

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(236, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 163, 174) }
```

Border

The CSS property to change the border of an element to XYZ 55.3292, 47.0832, 46.2162 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(236, 163, 174) }
```


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

```
.border{ border-color:rgb(236, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(236, 163,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3292, 47.0832, 46.2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 163, 174) }
```

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

```
.background{ background-color: rgb(236,  
163, 174) }
```

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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