

Converting Colors

XYZ(55.5022, 47.1713, 53.6378)

Have a look what the booklet for
XYZ(55.5022, 47.1713, 53.6378)
contains.

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Color

**XYZ(55.6313, 47.3376,
53.7819)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A4BC
RGB	232, 164, 188
RGB Percent	91%, 64%, 74%
CMY	0.0902, 0.3568, 0.2627
CMYK	0.00, 0.29, 0.19, 0.09
HSL	339°, 60%, 78%
HSV	339°, 29%, 91%
XYZ	55.6313, 47.3376, 53.7819
YIQ	187.0680, 32.8240, 21.8800

Conversions

Conversions Part 2

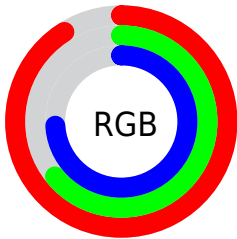
Format	Color
R _Y B	232, 164, 188
Decimal	15246524
CIE Lab	74.41, 28.57, -2.23
CIE LCh	74, 28.654, 355.546
Yxy	47.3376, 0.3549, 0.3020
Android (android.graphics.Color)	4293436604 (0xFFE8A4BC)
YUV	187.0680, 0.4595, 39.4054
Hunter-Lab	68.8023, 23.9252, 1.8154

Details

The XYZ color **55.6313, 47.3376, 53.7819** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5537, 70.1611, 70.2925**, and the grayscale version is **47.2581, 49.7192, 54.1443**.

A 20% lighter version of the original color is **82.9007, 78.4547, 96.3619**, and **27.7368, 22.2321, 25.7510** is the 20% darker color. If you saturate the color by 10%, you get **50.3169, 39.1651, 44.4368**, and if you desaturate by 10%, it is **61.8741, 57.0964, 64.2682**.

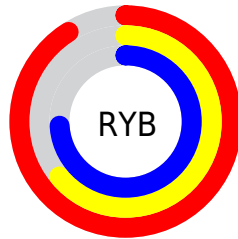
Distribution



Red (91%)

Green (64%)

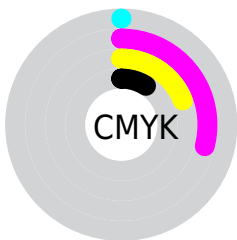
Blue (74%)



Red (91%)

Yellow (64%)

Blue (74%)

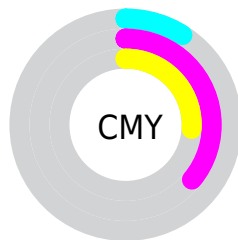


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (9%)



Cyan (9%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6313, 47.3376, 53.7819 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 55.6313, 47.3376, 53.7819 by changing the saturation by 10% instead.


 55.6313, 47.3376,
53.7819


 55.6313, 47.3376,
53.7819


398.3981,
376.1605, 418.4289

 40.1432, 33.3026,
38.0353

 97.6082, 86.2173,
97.2071

 27.8349, 22.3584,
25.7081


 124.8278,
111.8309, 125.7228

 18.3411, 14.1205,
16.3816


156.6886,
142.0727, 159.3320

 11.2963, 8.2045,
9.6373

193.5559,
177.3273, 198.4532

 6.3353, 4.2261,
5.0567

235.7952,
217.9790, 243.5050

 3.0926, 1.8008,
2.2212

283.7718,

 1.2029, 0.4877,

264.4121, 294.9058

0.6866

337.8510,
317.0112, 353.0742

■ 0.1087, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6313, 47.3376,
53.7819

■ 55.6313, 47.3376,
53.7819

■ 50.3169, 39.1651,
44.4368

■ 61.8741, 57.0964,
64.2682

■ 45.8805, 32.4879,
36.1893

■ 69.0843, 68.5132,
75.9312

■ 42.2729, 27.2157,
28.9969

■ 77.3033, 81.6629,
88.8086

■ 39.4382, 23.2458,
22.8130

■ 85.9903, 95.4565,
102.7422

■ 37.3132, 20.4611,
17.5869

■ 87.0889, 95.8959,
108.5274

■ 35.8234, 18.7233,
13.2624

■ 34.8543, 17.8139,
9.7671

■ 34.7971, 17.7632,
9.5519

Harmonies

Analogous

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



53.6833, 47.3376, 69.3545



55.6313, 47.3376, 53.7819



54.5551, 47.3376, 40.2309

Triad

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



55.6313, 47.3376, 53.7819



40.8472, 47.3376, 29.9149



39.6082, 47.3376, 78.7135

Complementary

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



55.6313, 47.3376, 53.7819



55.5537, 70.1611, 70.2925

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.



36.6190, 47.3376, 64.7977



55.6313, 47.3376, 53.7819



37.2951, 47.3376, 37.0757

Square

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



55.6313, 47.3376, 53.7819



45.7682, 47.3376, 28.0800



35.8055, 47.3376, 49.3663



44.2265, 47.3376, 85.3928

Rectangle

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



55.6313, 47.3376, 53.7819



52.3081, 47.3376, 33.7986



35.8055, 47.3376, 49.3663



38.3938, 47.3376, 74.6114

Sweetspot

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



55.6326, 47.3398, 53.7829



85.8610, 85.3015, 94.4937



53.5936, 45.6546, 82.3320



18.0806, 17.7852, 19.7520



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.



55.6326, 47.3398, 53.7829



64.9371, 52.4841, 59.6792



54.9376, 49.7511, 41.8321



14.5860, 14.4516, 16.0203



19.3720, 9.8830, 5.5881



1.4744, 0.7475, 0.6387

Inverse Universe

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



55.6326, 47.3398, 53.7829



64.9371, 52.4841, 59.6792



56.2469, 66.4598, 86.2080



14.5860, 14.4516, 16.0203



19.3720, 9.8830, 5.5881



1.4744, 0.7475, 0.6387

Previews

White Background



This preview shows how the XYZ color 55.6313, 47.3376, 53.7819 looks on a white background.

Color Contrast Check

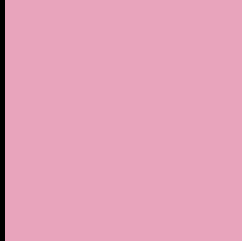
Large Text (above 18pt) WCAG AA × Fail

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 55.6313, 47.3376, 53.7819 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 55.6313, 47.3376, 53.7819

Background



This preview shows how black text looks on a background with the XYZ color 55.6313, 47.3376, 53.7819.



This preview shows how white text looks on a background with the XYZ color 55.6313, 47.3376,

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

55.6313, 47.3376, 53.7819

Protanopia

46.3282, 47.5245, 60.7642

Deuteranopia

48.6027, 47.6653, 53.0931



Tritanopia

54.6271, 47.4757, 48.4040

Trichromacy



Original Color

55.6313, 47.3376, 53.7819

Protanomaly

48.9997, 46.8794, 58.0958

Deuteranomaly

51.0646, 47.4720, 53.4853

Tritanomaly

54.8536, 47.2766, 50.4902

Monochromacy



Original Color

55.6313, 47.3376, 53.7819

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.7183, 48.5246, 53.7594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6313, 47.3376, 53.7819 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(232, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(232, 164, 188)  
}
```

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(232, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 164, 188) }
```

Border

The CSS property to change the border of an element to XYZ 55.6313, 47.3376, 53.7819 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(232, 164, 188) }
```


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

```
.border{ border-color:rgb(232, 164, 188) }
```

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

Here you see how a box with a 4 pixel rgb(232, 164, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(232, 164,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6313, 47.3376, 53.7819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 164, 188) }
```

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

```
.background{ background-color: rgb(232,  
164, 188) }
```

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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