

Converting Colors

XYZ(55.5792, 47.1684, 60.2079)

Have a look what the booklet for
XYZ(55.5792, 47.1684, 60.2079)
contains.

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Color

**XYZ(55.5792, 47.1684,
60.2079)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A4C7
RGB	228, 164, 199
RGB Percent	89%, 64%, 78%
CMY	0.1059, 0.3568, 0.2196
CMYK	0.00, 0.28, 0.13, 0.11
HSL	327°, 54%, 77%
HSV	327°, 28%, 89%
XYZ	55.5792, 47.1684, 60.2079
YIQ	187.1260, 26.9090, 24.4530

Conversions

Conversions Part 2

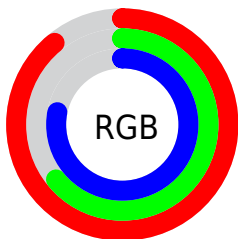
Format	Color
R _Y B	228, 164, 199
Decimal	14984391
CIE Lab	74.30, 28.90, -8.47
CIE LCh	74, 30.117, 343.661
Yxy	47.1684, 0.3411, 0.2895
Android (android.graphics.Color)	4293174471 (0xFFE4A4C7)
YUV	187.1260, 5.8539, 35.8465
Hunter-Lab	68.6793, 24.2638, -3.9013

Details

The XYZ color **55.5792, 47.1684, 60.2079** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.6809, 67.2310, 60.6555**, and the grayscale version is **47.2637, 49.7251, 54.1506**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **27.8085, 22.1839, 29.6043** is the 20% darker color. If you saturate the color by 10%, you get **50.6998, 39.2642, 52.8626**, and if you desaturate by 10%, it is **61.2742, 56.5723, 68.2280**.

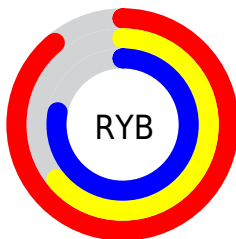
Distribution



Red (89%)

Green (64%)

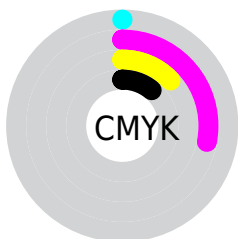
Blue (78%)



Red (89%)

Yellow (64%)

Blue (78%)

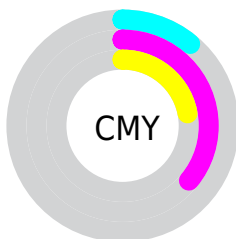


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5792, 47.1684, 60.2079 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 55.5792, 47.1684, 60.2079 by changing the saturation by 10% instead.


 55.5792, 47.1684,
60.2079


 55.5792, 47.1684,
60.2079


398.2045,
375.4863, 443.1896

 40.1013, 33.1688,
43.1598

 97.5324, 85.9649,
106.6775

 27.8021, 22.2558,
29.6782


 124.7385,
111.5307, 136.9362

 18.3162, 14.0450,
19.3445


156.5847,
141.7206, 172.4354

 11.2783, 8.1520,
11.7401

193.4363,
176.9190, 213.5938

 6.3230, 4.1923,
6.4466

235.6588,
217.5104, 260.8298

 3.0850, 1.7817,
3.0454

283.6174,

 1.1989, 0.4757,

263.8792, 314.5621

1.1178

337.6775,
316.4097, 375.2092

■ 0.1055, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5792, 47.1684,
60.2079

■ 55.5792, 47.1684,
60.2079

■ 50.6998, 39.2642,
52.8626

■ 61.2742, 56.5723,
68.2280

■ 46.5913, 32.7746,
46.1676

■ 67.8185, 67.5424,
76.9403

■ 43.2105, 27.6153,
40.1011

■ 75.2487, 80.1490,
86.3650

■ 40.5084, 23.6910,
34.6382

■ 83.5324, 94.3250,
96.4985

■ 38.4293, 20.8931,
29.7516

■ 85.1144, 94.9578,
104.8295

■ 36.9079, 19.0938,
25.4106

■ 85.8052, 95.2342,
108.4674

■ 35.8528, 18.1137,
21.5752

■ 35.6766, 17.9667,
20.8830

Harmonies

Analogous

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



52.4080, 47.1684, 76.0796



55.5792, 47.1684, 60.2079



55.7246, 47.1684, 44.6355

Triad

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



55.5792, 47.1684, 60.2079



42.4188, 47.1684, 27.4988



37.7167, 47.1684, 74.8069

Complementary

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



55.5792, 47.1684, 60.2079



52.6809, 67.2310, 60.6555

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.



35.4605, 47.1684, 58.7245



55.5792, 47.1684, 60.2079



38.0240, 47.1684, 32.6726

Square

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



55.5792, 47.1684, 60.2079



47.8241, 47.1684, 27.7372



35.5683, 47.1684, 43.4215



41.9676, 47.1684, 85.5989

Rectangle

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



55.5792, 47.1684, 60.2079



54.0644, 47.1684, 36.5456



35.5683, 47.1684, 43.4215



36.7157, 47.1684, 69.7141

Sweetspot

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



55.5806, 47.1705, 60.2089



87.4310, 87.0867, 99.1936



49.2224, 43.4659, 79.1950



18.4250, 18.1533, 20.8551



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.



55.5806, 47.1705, 60.2089



67.6555, 54.3191, 71.6891



52.2657, 45.8446, 42.7529



14.7051, 14.4992, 16.6473



20.6614, 10.3988, 12.3776



1.5735, 0.7871, 1.1607

Inverse Universe

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



55.5806, 47.1705, 60.2089



67.6555, 54.3191, 71.6891



56.6181, 68.8059, 81.3889



14.7051, 14.4992, 16.6473



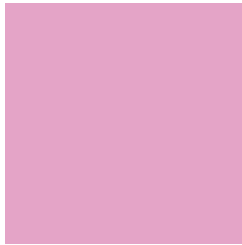
20.6614, 10.3988, 12.3776



1.5735, 0.7871, 1.1607

Previews

White Background



This preview shows how the XYZ color 55.5792, 47.1684, 60.2079 looks on a white background.

Color Contrast Check

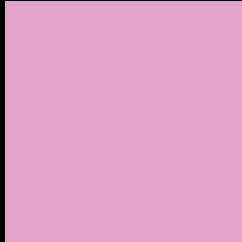
Large Text (above 18pt) WCAG AA × Fail

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 55.5792, 47.1684, 60.2079 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 55.5792, 47.1684, 60.2079

Background



This preview shows how black text looks on a background with the XYZ color 55.5792, 47.1684, 60.2079.



This preview shows how white text looks on a background with the XYZ color 55.5792, 47.1684,

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

55.5792, 47.1684, 60.2079

Protanopia

46.7209, 47.5740, 67.6930

Deuteranopia

48.3899, 47.4284, 58.8287



Tritanopia

53.4210, 47.1015, 49.4559

Trichromacy



Original Color

55.5792, 47.1684, 60.2079

Protanomaly

49.2355, 46.8519, 64.8409

Deuteranomaly

50.7537, 47.1838, 59.2557

Tritanomaly

54.2844, 47.1912, 53.2614

Monochromacy



Original Color

55.5792, 47.1684, 60.2079

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.8812, 48.5583, 56.0339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5792, 47.1684, 60.2079 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(228, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(228, 164, 199)  
}
```

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(228, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 164, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.5792, 47.1684, 60.2079 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(228, 164, 199) }
```


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

```
.border{ border-color:rgb(228, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 164, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 164, 199); box-shadow:4px 4px 4px 4px rgb(228, 164, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5792, 47.1684, 60.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 164, 199) }
```

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

```
.background{ background-color: rgb(228,  
164, 199) }
```

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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