

Converting Colors

XYZ(55.9264, 48.5824, 59.0288)

Have a look what the booklet for
XYZ(55.9264, 48.5824, 59.0288)
contains.

XYZ(55.7592, 48.3674, 59.2203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.7592, 48.3674,
59.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A8C5
RGB	227, 168, 197
RGB Percent	89%, 66%, 77%
CMY	0.1098, 0.3412, 0.2274
CMYK	0.00, 0.26, 0.13, 0.11
HSL	331°, 51%, 77%
HSV	331°, 26%, 89%
XYZ	55.7592, 48.3674, 59.2203
YIQ	188.9470, 25.8550, 21.5270

Conversions

Conversions Part 2

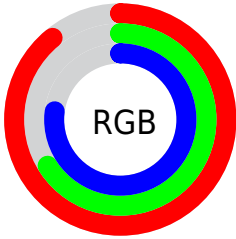
Format	Color
R _Y B	227, 168, 197
Decimal	14919877
CIE Lab	75.06, 26.08, -6.26
CIE LCh	75, 26.823, 346.500
Yxy	48.3674, 0.3414, 0.2961
Android (android.graphics.Color)	4293109957 (0xFFE3A8C5)
YUV	188.9470, 3.9701, 33.3725
Hunter-Lab	69.5467, 21.4061, -1.8039

Details

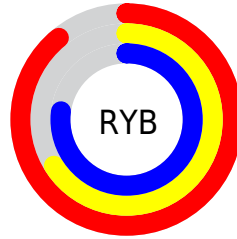
The XYZ color **55.7592, 48.3674, 59.2203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.8126, 67.3415, 63.5912**, and the grayscale version is **48.3084, 50.8242, 55.3475**.

A 20% lighter version of the original color is **85.7850, 81.7271, 105.0195**, and **27.8832, 22.9026, 28.9376** is the 20% darker color. If you saturate the color by 10%, you get **50.6563, 40.1974, 51.2417**, and if you desaturate by 10%, it is **61.6977, 58.0453, 67.9782**.

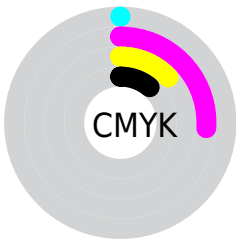
Distribution



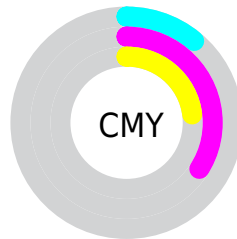
- Red (89%)
- Green (66%)
- Blue (77%)



- Red (89%)
- Yellow (66%)
- Blue (77%)



- Cyan (0%)
- Magenta (26%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7592, 48.3674, 59.2203 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 55.7592, 48.3674, 59.2203 by changing the saturation by 10% instead.


 55.7592, 48.3674,
59.2203

 55.7592, 48.3674,
59.2203


398.8731,
380.2466, 439.4424

 40.2461, 34.1179,
42.3693

 97.7943, 87.7512,
105.2300

 27.9156, 22.9842,
29.0628


 125.0470,
113.6543, 135.2259

 18.4022, 14.5818,
18.8824


156.9436,
144.2107, 170.4404

 11.3405, 8.5264,
11.4094

193.8495,
179.8048, 211.2922

 6.3653, 4.4336,
6.2253

236.1301,
220.8211, 258.1997

 3.1112, 1.9190,
2.9115

284.1506,

 1.2129, 0.5597,

267.6439, 311.5816

1.0496

338.2765,
320.6576, 371.8563

■ 0.1165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7592, 48.3674,
59.2203

■ 55.7592, 48.3674,
59.2203

■ 50.6563, 40.1974,
51.2417

■ 61.6977, 58.0453,
67.9782

■ 46.3445, 33.4519,
44.0150

■ 68.5051, 69.2958,
77.5357

■ 42.7815, 28.0491,
37.5149

■ 76.2178, 82.1881,
87.9160

■ 39.9190, 23.8963,
31.7135

■ 83.6427, 94.3326,
98.7314

■ 37.7026, 20.8890,
26.5802

■ 85.4433, 95.0528,
108.2129

■ 36.0693, 18.9053,
22.0810

■ 85.4888, 95.0710,
108.4525

■ 34.9415, 17.7942,
18.1766

■ 34.5794, 17.4913,
16.7571

Harmonies

Analogous

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



53.1531, 48.3674, 73.5161



55.7592, 48.3674, 59.2203



55.6141, 48.3674, 45.3635

Triad

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



55.7592, 48.3674, 59.2203



43.3465, 48.3674, 30.7903



39.7842, 48.3674, 74.7710

Complementary

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



55.7592, 48.3674, 59.2203



53.8126, 67.3415, 63.5912

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.



37.5138, 48.3674, 60.7082



55.7592, 48.3674, 59.2203



39.4682, 48.3674, 36.1823

Square

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



55.7592, 48.3674, 59.2203



48.2074, 48.3674, 30.5354



37.4024, 48.3674, 46.6102



43.8063, 48.3674, 83.5136

Rectangle

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



55.7592, 48.3674, 59.2203



53.9723, 48.3674, 38.1842



37.4024, 48.3674, 46.6102



38.8037, 48.3674, 70.4071

Sweetspot

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



55.7606, 48.3696, 59.2213



87.2584, 87.0176, 98.2845



51.0268, 45.4918, 78.7649



18.3815, 18.1359, 20.6262



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.



55.7606, 48.3696, 59.2213



68.9959, 57.1872, 71.5586



52.7508, 47.1657, 43.3721



14.6708, 14.4855, 16.4667



20.2254, 10.2244, 10.0817



1.5414, 0.7743, 0.9916

Inverse Universe

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



55.7606, 48.3696, 59.2213



68.9959, 57.1872, 71.5586



57.4841, 68.8101, 82.9255



14.6708, 14.4855, 16.4667



20.2254, 10.2244, 10.0817



1.5414, 0.7743, 0.9916

Previews

White Background



This preview shows how the XYZ color 55.7592, 48.3674, 59.2203 looks on a white background.

Color Contrast Check

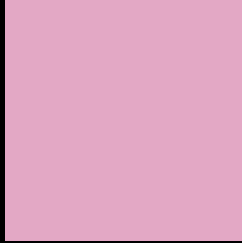
Large Text (above 18pt) WCAG AA × Fail

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 55.7592, 48.3674, 59.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

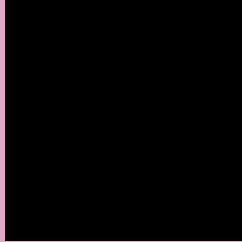
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7592, 48.3674, 59.2203

Background



This preview shows how black text looks on a background with the XYZ color 55.7592, 48.3674, 59.2203.



This preview shows how white text looks on a background with the XYZ color 55.7592, 48.3674,

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

55.7592, 48.3674, 59.2203

Protanopia

47.6944, 48.7311, 65.9238

Deuteranopia

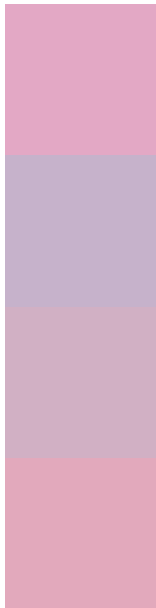
49.7248, 48.7248, 58.4138



Tritanopia

53.9733, 48.1759, 51.2539

Trichromacy



Original Color

55.7592, 48.3674, 59.2203

Protanomaly

49.9886, 48.1584, 63.1607

Deuteranomaly

51.7836, 48.5915, 58.8744

Tritanomaly

54.6291, 48.1755, 53.9965

Monochromacy



Original Color

55.7592, 48.3674, 59.2203

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.6669, 49.5500, 56.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7592, 48.3674, 59.2203 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(227, 168, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 197)  
}
```

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(227, 168, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 197) }
```

Border

The CSS property to change the border of an element to XYZ 55.7592, 48.3674, 59.2203 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(227, 168, 197) }
```


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

```
.border{ border-color:rgb(227, 168, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 168, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 168, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 168, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 168,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7592, 48.3674, 59.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 197) }
```

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

```
.background{ background-color: rgb(227,  
168, 197) }
```

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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