

Converting Colors

XYZ(55.8973, 45.5712, 57.7791)

Have a look what the booklet for
XYZ(55.8973, 45.5712, 57.7791)
contains.

XYZ(55.9525, 45.5919, 58.0757)	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(55.9525, 45.5919,
58.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9DC4
RGB	234, 157, 196
RGB Percent	92%, 62%, 77%
CMY	0.0823, 0.3843, 0.2314
CMYK	0.00, 0.33, 0.16, 0.08
HSL	330°, 65%, 77%
HSV	330°, 33%, 92%
XYZ	55.9525, 45.5919, 58.0757
YIQ	184.4690, 33.3730, 28.4530

Conversions

Conversions Part 2

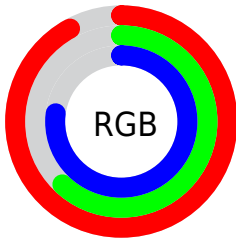
Format	Color
R_{YB}	234, 157, 196
Decimal	15375812
CIE _{Lab}	73.28, 34.22, -8.27
CIE _{LCh}	73, 35.205, 346.421
Yxy	45.5919, 0.3505, 0.2856
Android (android.graphics.Color)	4293565892 (0xFFEA9DC4)
YUV	184.4690, 5.6848, 43.4387
Hunter-Lab	67.5218, 29.7525, -3.7303

Details

The XYZ color **55.9525, 45.5919, 58.0757** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.1797, 69.9552, 62.3328**, and the grayscale version is **45.7771, 48.1611, 52.4474**.

A 20% lighter version of the original color is **82.5131, 75.4388, 103.1407**, and **27.9643, 21.2007, 28.2095** is the 20% darker color. If you saturate the color by 10%, you get **51.1019, 37.9136, 50.2211**, and if you desaturate by 10%, it is **61.6651, 54.8311, 66.7179**.

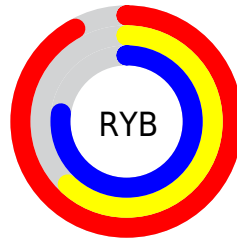
Distribution



Red (92%)

Green (62%)

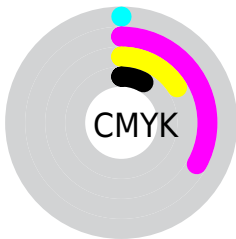
Blue (77%)



Red (92%)

Yellow (62%)

Blue (77%)

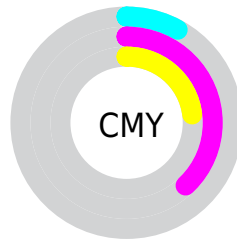


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (8%)



Cyan (8%)


Magenta (38%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9525, 45.5919, 58.0757 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 55.9525, 45.5919, 58.0757 by changing the saturation by 10% instead.

 55.9525, 45.5919,
58.0757


 55.9525, 45.5919,
58.0757


399.5904,
369.1655, 435.0741

 40.4017, 31.9239,
41.4544

 98.0753, 83.6079,
103.5490

 28.0375, 21.3034,
28.3519


 125.3781,
108.7247, 133.2380

 18.4945, 13.3459,
18.3498


157.3288,
138.4266, 168.1200

 11.4074, 7.6672,
11.0294

194.2930,
173.0979, 208.6136

 6.4109, 3.8827,
5.9722

236.6358,
213.1230, 255.1373

 3.1395, 1.6082,
2.7597

284.7228,

 1.2280, 0.3631,

258.8864, 308.1095

0.9733

338.9192,
310.7725, 367.9490

■ 0.1283, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9525, 45.5919,
58.0757

■ 55.9525, 45.5919,
58.0757

■ 51.1019, 37.9136,
50.2211

■ 61.6651, 54.8311,
66.7179

■ 47.0636, 31.7022,
43.1249

■ 68.2779, 65.7057,
76.1697

■ 43.7888, 26.8632,
36.7597

■ 75.8314, 78.2931,
86.4557

■ 41.2214, 23.2884,
31.0949

■ 84.3627, 92.6636,
97.5984

■ 39.2970, 20.8529,
26.0964

■ 87.5405, 96.1520,
107.4971

■ 37.9381, 19.4060,
21.7254

■ 87.7420, 96.2326,
108.5580

■ 37.2326, 18.8128,
18.9688

Harmonies

Analogous

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



52.5327, 45.5919, 77.0174



55.9525, 45.5919, 58.0757



55.7717, 45.5919, 40.6224

Triad

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



55.9525, 45.5919, 58.0757



40.0579, 45.5919, 23.6142



35.6416, 45.5919, 78.6294

Complementary

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



55.9525, 45.5919, 58.0757



53.1797, 69.9552, 62.3328

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.



32.8978, 45.5919, 59.9063



55.9525, 45.5919, 58.0757



35.2767, 45.5919, 29.6697

Square

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



55.9525, 45.5919, 58.0757



46.1864, 45.5919, 23.3488



32.7710, 45.5919, 42.0668



40.6010, 45.5919, 90.6553

Rectangle

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



55.9525, 45.5919, 58.0757



53.6253, 45.5919, 32.0415



32.7710, 45.5919, 42.0668



34.4511, 45.5919, 72.7338

Sweetspot

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



55.9538, 45.5940, 58.0766



85.4873, 84.0115, 96.0416



49.2140, 41.5549, 83.2696



18.0304, 17.5379, 20.1879



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.



55.9538, 45.5940, 58.0766



64.1837, 49.3384, 64.4807



52.1864, 44.0870, 38.2374



15.3838, 15.1814, 17.3063



20.9863, 10.5972, 10.9949



1.6965, 0.8516, 1.1192

Inverse Universe

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



55.9538, 45.5940, 58.0766



64.1837, 49.3384, 64.4807



57.9965, 71.8819, 87.6973



15.3838, 15.1814, 17.3063



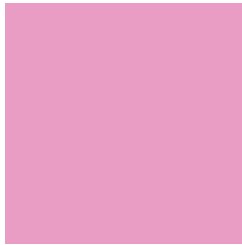
20.9863, 10.5972, 10.9949



1.6965, 0.8516, 1.1192

Previews

White Background



This preview shows how the XYZ color 55.9525, 45.5919, 58.0757 looks on a white background.

Color Contrast Check

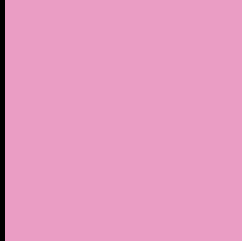
Large Text (above 18pt) WCAG AA × Fail

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 55.9525, 45.5919, 58.0757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

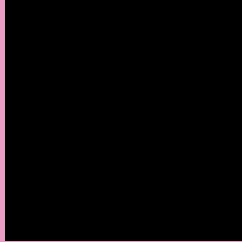
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9525, 45.5919, 58.0757

Background



This preview shows how black text looks on a background with the XYZ color 55.9525, 45.5919, 58.0757.



This preview shows how white text looks on a background with the XYZ color 55.9525, 45.5919,

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

55.9525, 45.5919, 58.0757

Protanopia

45.4322, 46.0073, 67.4585

Deuteranopia

46.6938, 45.7167, 56.8152



Tritanopia

53.2427, 45.4958, 45.5105

Trichromacy



Original Color

55.9525, 45.5919, 58.0757



Protanomaly

48.3473, 45.2694, 63.9473



Deuteranomaly

49.4724, 45.1657, 57.1493



Tritanomaly

54.1900, 45.6336, 49.6681

Monochromacy



Original Color

55.9525, 45.5919, 58.0757



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.5703, 46.4595, 53.9846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9525, 45.5919, 58.0757 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(234, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(234, 157, 196)  
}
```

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(234, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 157, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.9525, 45.5919, 58.0757 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(234, 157, 196) }
```


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

```
.border{ border-color:rgb(234, 157, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 157, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 157, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 157, 196);  
box-shadow:4px 4px 4px 4px rgb(234, 157,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9525, 45.5919, 58.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 157, 196) }
```

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

```
.background{ background-color: rgb(234,  
157, 196) }
```

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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