

Converting Colors

XYZ(58.8138, 56.0789, 39.4484)

Have a look what the booklet for
XYZ(58.8138, 56.0789, 39.4484)
contains.

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Color

**XYZ(58.7812, 55.9795,
39.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBB9D
RGB	237, 187, 157
RGB Percent	93%, 73%, 62%
CMY	0.0706, 0.2666, 0.3843
CMYK	0.00, 0.21, 0.34, 0.07
HSL	23°, 69%, 77%
HSV	23°, 34%, 93%
XYZ	58.7812, 55.9795, 39.6053
YIQ	198.5300, 39.4300, 1.2700

Conversions

Conversions Part 2

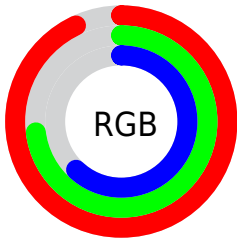
Format	Color
R_{YB}	237, 205, 157
Decimal	15580061
CIE Lab	79.60, 13.92, 22.06
CIE LCh	80, 26.086, 57.761
Yxy	55.9795, 0.3808, 0.3626
Android (android.graphics.Color)	4293770141 (0xFFEDBB9D)
YUV	198.5300, -20.4743, 33.7382
Hunter-Lab	74.8194, 9.3028, 20.9888

Details

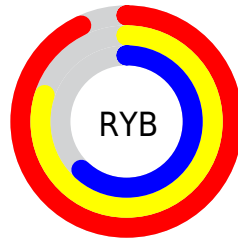
The XYZ color **58.7812, 55.9795, 39.6053** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.5028, 57.9063, 88.5834**, and the grayscale version is **54.1044, 56.9221, 61.9881**.

A 20% lighter version of the original color is **85.1743, 90.1147, 75.1921**, and **29.9490, 27.7941, 17.4220** is the 20% darker color. If you saturate the color by 10%, you get **53.9693, 49.2857, 28.9683**, and if you desaturate by 10%, it is **64.3126, 63.4838, 52.4196**.

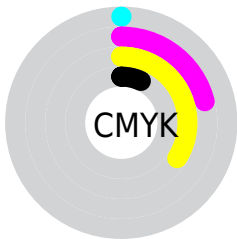
Distribution



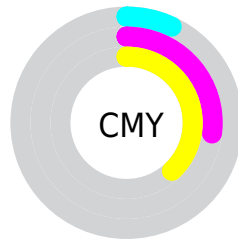
- Red (93%)
- Green (73%)
- Blue (62%)



- Red (93%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (7%)




- Cyan (7%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7812, 55.9795, 39.6053 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 58.7812, 55.9795, 39.6053 by changing the saturation by 10% instead.


 58.7812, 55.9795,
39.6053


 58.7812, 55.9795,
39.6053

409.9977,
409.6142, 359.9597

 42.6827, 40.1865,
26.9195


 102.1760, 98.9746,
75.7926

 29.8297, 27.6840,
17.2809


 130.2031,
126.9455, 100.1312

 19.8568, 18.0876,
10.2709


162.9370,
159.7444, 129.1911

 12.3986, 11.0129,
5.4710

200.7432,
197.7559, 163.3909

 7.0899, 6.0755,
2.4626

243.9871,
241.3642, 203.1491

 3.5652, 2.8910,
0.8203

293.0338,

 1.4592, 1.0751,

290.9537, 248.8843

0.0000

348.2489,
346.9090, 301.0149

■ 0.2978, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7812, 55.9795,
39.6053

■ 58.7812, 55.9795,
39.6053

■ 53.9693, 49.2857,
28.9683

■ 64.3126, 63.4838,
52.4196

■ 49.8400, 43.3657,
20.3819

■ 70.5895, 71.8177,
67.5213

■ 46.3593, 38.1918,
13.7117

■ 77.6418, 81.0096,
85.0170

■ 43.4883, 33.7309,
8.8051

■ 85.4963, 91.0841,
105.0056

■ 41.1828, 29.9470,
5.4862

■ 88.7351, 96.7446,
108.6045

■ 39.3907, 26.8000,
3.5414

■ 38.4883, 25.1310,
2.8222

Harmonies

Analogous

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



62.6586, 55.9795, 48.4422



58.7812, 55.9795, 39.6053



53.6026, 55.9795, 36.3674

Triad

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



58.7812, 55.9795, 39.6053



43.7352, 55.9795, 59.8286



58.0535, 55.9795, 90.3135

Complementary

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



58.7812, 55.9795, 39.6053



51.5028, 57.9063, 88.5834

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.



52.8130, 55.9795, 94.6826



58.7812, 55.9795, 39.6053



44.7569, 55.9795, 75.4493

Square

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



58.7812, 55.9795, 39.6053



45.1096, 55.9795, 46.7814



47.9965, 55.9795, 88.8521



62.2194, 55.9795, 77.7295

Rectangle

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



58.7812, 55.9795, 39.6053



50.1836, 55.9795, 37.3378



47.9965, 55.9795, 88.8521



56.3491, 55.9795, 92.8738

Sweetspot

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



58.7826, 55.9821, 39.6064



86.3381, 88.7157, 87.0686



58.3266, 46.6567, 65.3917



18.2340, 18.6672, 18.0298



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.



58.7826, 55.9821, 39.6064



65.1218, 60.1575, 37.2238



68.2982, 75.0133, 42.7783



15.5283, 15.9797, 15.7847



21.1292, 13.9526, 1.5795



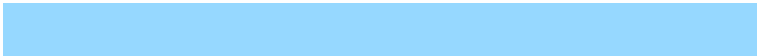
1.7489, 1.2752, 0.1540

Inverse Universe

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



51.5028, 57.9063, 88.5834



55.2120, 62.7496, 103.8096



43.1324, 41.1655, 85.7933



15.0155, 16.1174, 19.2418



14.2669, 15.1809, 45.9212



1.2122, 1.3759, 3.6366

Previews

White Background



This preview shows how the XYZ color 58.7812, 55.9795, 39.6053 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 58.7812, 55.9795, 39.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

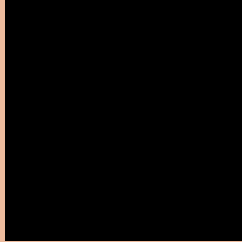
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7812, 55.9795, 39.6053

Background



This preview shows how black text looks on a background with the XYZ color 58.7812, 55.9795, 39.6053.



This preview shows how white text looks on a background with the XYZ color 58.7812, 55.9795,

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

58.7812, 55.9795, 39.6053

Protanopia

52.7823, 56.0964, 42.2282

Deuteranopia

57.3692, 56.2161, 39.2796



Tritanopia

62.9674, 56.1422, 59.7423

Trichromacy



Original Color

58.7812, 55.9795, 39.6053

Protanomaly

54.6285, 55.7381, 41.1370

Deuteranomaly

57.8026, 56.1191, 39.2380

Tritanomaly

61.5192, 56.1836, 51.8581

Monochromacy



Original Color

58.7812, 55.9795, 39.6053

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6074, 56.6370, 53.3486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7812, 55.9795, 39.6053 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(237, 187, 157)` looks like.

```
.text, #text, p{  
    color:rgb(237, 187, 157)  
}
```

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(237, 187, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 187, 157) }
```

Border

The CSS property to change the border of an element to XYZ 58.7812, 55.9795, 39.6053 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(237, 187, 157) }
```


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

```
.border{ border-color:rgb(237, 187, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 187, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 187, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 187, 157);  
box-shadow:4px 4px 4px 4px rgb(237, 187,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7812, 55.9795, 39.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 187, 157) }
```

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

```
.background{ background-color: rgb(237,  
187, 157) }
```

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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