

Converting Colors

XYZ(60.0968, 55.3450, 57.5666)

Have a look what the booklet for
XYZ(60.0968, 55.3450, 57.5666)
contains.

XYZ(59.9336, 55.2426, 57.3732)	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(59.9336, 55.2426,
57.3732)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B8C0
RGB	232, 184, 192
RGB Percent	91%, 72%, 75%
CMY	0.0902, 0.2784, 0.2471
CMYK	0.00, 0.21, 0.17, 0.09
HSL	350°, 51%, 82%
HSV	350°, 21%, 91%
XYZ	59.9336, 55.2426, 57.3732
YIQ	199.2640, 26.0400, 12.6640

Conversions

Conversions Part 2

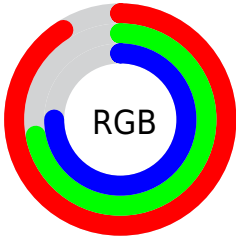
Format	Color
R _Y B	232, 184, 192
Decimal	15251648
CIE Lab	79.18, 18.50, 2.56
CIE LCh	79, 18.675, 7.895
Yxy	55.2426, 0.3473, 0.3202
Android (android.graphics.Color)	4293441728 (0xFFE8B8C0)
YUV	199.2640, -3.5812, 28.7095
Hunter-Lab	74.3254, 13.8673, 6.2606

Details

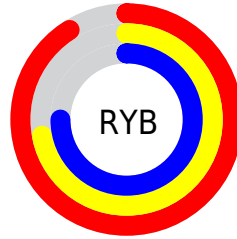
The XYZ color **59.9336, 55.2426, 57.3732** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0805, 73.2867, 81.3984**, and the grayscale version is **54.4591, 57.2952, 62.3945**.

A 20% lighter version of the original color is **89.3434, 90.3575, 101.5388**, and **30.6810, 27.3268, 28.0836** is the 20% darker color. If you saturate the color by 10%, you get **53.5004, 45.5820, 45.3444**, and if you desaturate by 10%, it is **67.4417, 66.6014, 71.1502**.

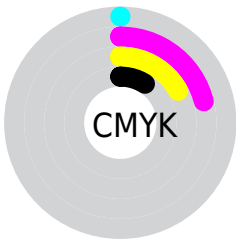
Distribution



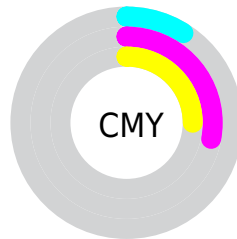
- Red (91%)
- Green (72%)
- Blue (75%)



- Red (91%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9336, 55.2426, 57.3732 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 59.9336, 55.2426, 57.3732 by changing the saturation by 10% instead.


 59.9336, 55.2426,
57.3732

 59.9336, 55.2426,
57.3732

414.1916,
406.8309, 432.3791

 43.6144, 39.5960,
40.8936


 103.8402, 97.8963,
102.5153

 30.5641, 27.2237,
27.9169


132.1583,
125.6722, 132.0148

 20.4173, 17.7413,
18.0245


165.2068,
158.2600, 166.6914

 12.8088, 10.7644,
10.7980

203.3510,
196.0440, 206.9636

 7.3731, 5.9086,
5.8187

246.9562,
239.4087, 253.2499

 3.7449, 2.7896,
2.6681

296.3878,

 1.5589, 1.0229,

288.7385, 305.9689

0.9273

352.0112,
344.4178, 365.5391

■ 0.3654, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9336, 55.2426,
57.3732

■ 59.9336, 55.2426,
57.3732

■ 53.5004, 45.5820,
45.3444

■ 67.4417, 66.6014,
71.1502

■ 48.0880, 37.5308,
34.9902

■ 76.0662, 79.7267,
86.7380

■ 43.6448, 31.0034,
26.2366

■ 85.8521, 94.6922,
104.2005

■ 40.1126, 25.9033,
19.0031

■ 87.0889, 95.8959,
108.5274

■ 37.4267, 22.1230,
13.2018

■ 35.5140, 19.5395,
8.7354

■ 34.2882, 18.0067,
5.4944

■ 33.6393, 17.3001,
3.4554

Harmonies

Analogous

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



59.4336, 55.2426, 68.2128



59.9336, 55.2426, 57.3732



58.3703, 55.2426, 48.3982

Triad

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



59.9336, 55.2426, 57.3732



48.2245, 55.2426, 45.3567



49.8542, 55.2426, 81.2513

Complementary

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



59.9336, 55.2426, 57.3732



62.0805, 73.2867, 81.3984

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.



47.0490, 55.2426, 73.6645



59.9336, 55.2426, 57.3732



46.1396, 55.2426, 52.7486

Square

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



59.9336, 55.2426, 57.3732



51.5278, 55.2426, 42.0164



45.7197, 55.2426, 63.0146



53.4974, 55.2426, 82.8686

Rectangle

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



59.9336, 55.2426, 57.3732



56.4101, 55.2426, 44.3783



45.7197, 55.2426, 63.0146



48.7871, 55.2426, 79.2747

Sweetspot

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



59.9351, 55.2451, 57.3743



88.3763, 89.8295, 96.8814



62.4482, 55.9571, 83.8537



18.7673, 19.0008, 20.4674



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.



59.9351, 55.2451, 57.3743



70.5707, 62.8889, 64.2158



62.5864, 61.9272, 54.0051



14.4745, 14.4070, 15.4329



18.7060, 9.6166, 2.0810



1.4118, 0.7224, 0.3090

Inverse Universe

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



59.9351, 55.2451, 57.3743



70.5707, 62.8889, 64.2158



58.8906, 65.1302, 85.8118



14.4745, 14.4070, 15.4329



18.7060, 9.6166, 2.0810



1.4118, 0.7224, 0.3090

Previews

White Background



This preview shows how the XYZ color 59.9336, 55.2426, 57.3732 looks on a white background.

Color Contrast Check

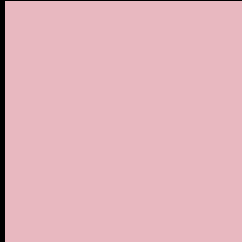
Large Text (above 18pt) WCAG AA × Fail

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 59.9336, 55.2426, 57.3732 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 59.9336, 55.2426, 57.3732

Background



This preview shows how black text looks on a background with the XYZ color 59.9336, 55.2426, 57.3732.



This preview shows how white text looks on a background with the XYZ color 59.9336, 55.2426,

57.3732.

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

59.9336, 55.2426, 57.3732

Protanopia

53.2613, 55.2495, 61.2831

Deuteranopia

56.4327, 55.3402, 56.9976



Tritanopia

60.6158, 55.2218, 60.2874

Trichromacy



Original Color

59.9336, 55.2426, 57.3732

Protanomaly

55.4586, 55.0960, 59.9362

Deuteranomaly

57.5114, 55.2576, 56.9248

Tritanomaly

60.3881, 55.1307, 59.0883

Monochromacy



Original Color

59.9336, 55.2426, 57.3732

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1196, 56.4180, 60.1565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9336, 55.2426, 57.3732 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, 184, 192) looks like.

```
.text, #text, p{  
    color:rgb(232, 184, 192)  
}
```

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, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 184, 192) }
```

Border

The CSS property to change the border of an element to XYZ 59.9336, 55.2426, 57.3732 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, 184, 192) }
```


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

```
.border{ border-color:rgb(232, 184, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(232, 184,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9336, 55.2426, 57.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 184, 192) }
```

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

```
.background{ background-color: rgb(232,  
184, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor