

Converting Colors

XYZ(59.4323, 52.0419, 55.3207)

Have a look what the booklet for
XYZ(59.4323, 52.0419, 55.3207)
contains.

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Color

**XYZ(59.2464, 51.9508,
55.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAEBD
RGB	237, 174, 189
RGB Percent	93%, 68%, 74%
CMY	0.0706, 0.3176, 0.2588
CMYK	0.00, 0.27, 0.20, 0.07
HSL	346°, 64%, 81%
HSV	346°, 27%, 93%
XYZ	59.2464, 51.9508, 55.0490
YIQ	194.5470, 32.7330, 18.0210

Conversions

Conversions Part 2

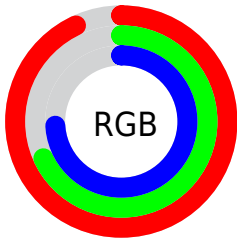
Format	Color
RYB	237, 174, 189
Decimal	15576765
CIELab	77.25, 25.17, 1.45
CIELCh	77, 25.211, 3.297
Yxy	51.9508, 0.3564, 0.3125
Android (android.graphics.Color)	4293766845 (0xFFEDAEBD)
YUV	194.5470, -2.7347, 37.2313
Hunter-Lab	72.0769, 20.5904, 5.1709

Details

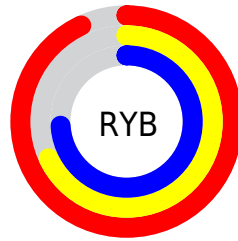
The XYZ color **59.2464, 51.9508, 55.0490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.9267, 74.8422, 80.3457**, and the grayscale version is **51.6058, 54.2933, 59.1254**.

A 20% lighter version of the original color is **86.0182, 84.4462, 98.1523**, and **30.1037, 25.1556, 26.5614** is the 20% darker color. If you saturate the color by 10%, you get **53.2257, 42.8532, 43.9656**, and if you desaturate by 10%, it is **66.3219, 62.7664, 67.6893**.

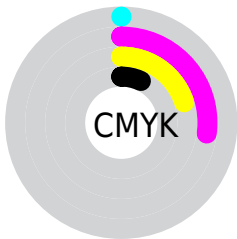
Distribution



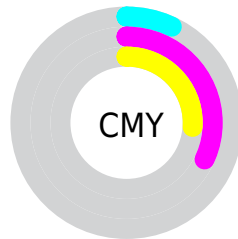
- Red (93%)
- Green (68%)
- Blue (74%)



- Red (93%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (7%)





- Cyan (7%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2464, 51.9508, 55.0490 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 59.2464, 51.9508, 55.0490 by changing the saturation by 10% instead.


 59.2464, 51.9508,
55.0490

 59.2464, 51.9508,
55.0490


411.6938,
394.2466, 423.3848

 43.0586, 36.9659,
39.0421

 102.8483, 93.0587,
99.0846

 30.1258, 25.1811,
26.4844


130.9931,
119.9504, 127.9504

 20.0827, 16.2120,
16.9574

163.8543,
151.5798, 161.9396

 12.5638, 9.6743,
10.0425

201.7973,
188.3314, 201.4706

 7.2038, 5.1835,
5.3211

245.1874,
230.5895, 246.9621

 3.6373, 2.3554,
2.3749

294.3899,

 1.4991, 0.8028,

278.7384, 298.8327

0.7727

349.7703,
333.1627, 357.5007

■ 0.3252, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2464, 51.9508,
55.0490

■ 59.2464, 51.9508,
55.0490

■ 53.2257, 42.8532,
43.9656

■ 66.3219, 62.7664,
67.6893

■ 48.2040, 35.3778,
34.3749

■ 74.4957, 75.3749,
81.9412

■ 44.1270, 29.4307,
26.2124

■ 83.8141, 89.8554,
97.8603

■ 40.9333, 24.9052,
19.4077

■ 88.7352, 96.7446,
108.6045

■ 38.5538, 21.6806,
13.8843

■ 36.9086, 19.6160,
9.5570

■ 35.8990, 18.5349,
6.3285

■ 35.6492, 18.2942,
5.4471

Harmonies

Analogous

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



58.1517, 51.9508, 69.3851



59.2464, 51.9508, 55.0490



57.5578, 51.9508, 43.1791

Triad

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



59.2464, 51.9508, 55.0490



44.4506, 51.9508, 37.1123



45.3191, 51.9508, 83.8222

Complementary

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



59.2464, 51.9508, 55.0490



60.9267, 74.8422, 80.3457

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.



42.0118, 51.9508, 72.4670



59.2464, 51.9508, 55.0490



41.5338, 51.9508, 45.4311

Square

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



59.2464, 51.9508, 55.0490



48.8452, 51.9508, 33.9421



40.6706, 51.9508, 58.1098



49.9140, 51.9508, 87.5063

Rectangle

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



59.2464, 51.9508, 55.0490



55.1415, 51.9508, 37.8015



40.6706, 51.9508, 58.1098



44.0302, 51.9508, 80.6937

Sweetspot

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



59.2478, 51.9532, 55.0501



86.4814, 86.7069, 94.1931



60.3189, 51.8006, 86.9405



18.1866, 18.0579, 19.5996



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.



59.2478, 51.9532, 55.0501



65.8664, 55.1432, 57.5214



60.9261, 57.7815, 47.9893



15.2124, 15.1128, 16.4039



19.5056, 10.0049, 3.1979



1.5683, 0.8003, 0.4441

Inverse Universe

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



59.2478, 51.9532, 55.0501



65.8664, 55.1432, 57.5214



58.6660, 66.9598, 89.9536



15.2124, 15.1128, 16.4039



19.5056, 10.0049, 3.1979



1.5683, 0.8003, 0.4441

Previews

White Background



This preview shows how the XYZ color 59.2464, 51.9508, 55.0490 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 59.2464, 51.9508, 55.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

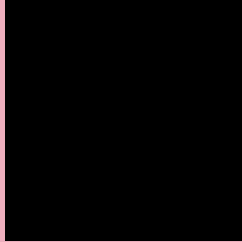
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2464, 51.9508, 55.0490

Background



This preview shows how black text looks on a background with the XYZ color 59.2464, 51.9508, 55.0490.



This preview shows how white text looks on a background with the XYZ color 59.2464, 51.9508,

55.0490.

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

59.2464, 51.9508, 55.0490

Protanopia

50.3447, 52.1106, 60.8310

Deuteranopia

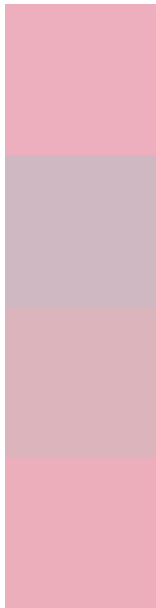
53.1826, 52.1347, 54.2737



Tritanopia

59.1382, 51.9075, 54.4792

Trichromacy



Original Color

59.2464, 51.9508, 55.0490

Protanomaly

53.0032, 51.6310, 58.8020

Deuteranomaly

55.1162, 51.8942, 54.6886

Tritanomaly

59.1382, 51.9075, 54.4792

Monochromacy



Original Color

59.2464, 51.9508, 55.0490

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.9743, 53.0925, 57.8552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2464, 51.9508, 55.0490 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, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(237, 174, 189)  
}
```

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, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 59.2464, 51.9508, 55.0490 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, 174, 189) }
```


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

```
.border{ border-color:rgb(237, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(237, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2464, 51.9508, 55.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 174, 189) }
```

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

```
.background{ background-color: rgb(237,  
174, 189) }
```

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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