

Converting Colors

XYZ(60.9055, 51.7856, 55.6014)

Have a look what the booklet for
XYZ(60.9055, 51.7856, 55.6014)
contains.

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Color

**XYZ(60.6311, 51.5218,
55.4643)**

Conversions

Conversions Part 1

Format	Color
Hex	F3AABE
RGB	243, 170, 190
RGB Percent	95%, 67%, 75%
CMY	0.0471, 0.3333, 0.2549
CMYK	0.00, 0.30, 0.22, 0.05
HSL	344°, 75%, 81%
HSV	344°, 30%, 95%
XYZ	60.6311, 51.5218, 55.4643
YIQ	194.1070, 37.0880, 21.6960

Conversions

Conversions Part 2

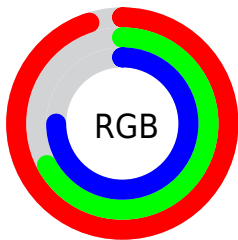
Format	Color
R_{YB}	243, 170, 190
Decimal	15968958
CIE _{Lab}	76.99, 29.58, 0.61
CIE _{LCh}	77, 29.587, 1.175
Yxy	51.5218, 0.3617, 0.3074
Android (android.graphics.Color)	4294159038 (0xFFFF3AABE)
YUV	194.1070, -2.0248, 42.8792
Hunter-Lab	71.7787, 25.1654, 4.4309

Details

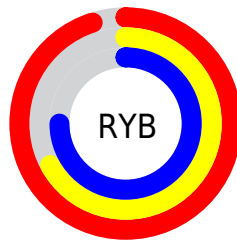
The XYZ color **60.6311, 51.5218, 55.4643** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.9496, 77.9762, 81.6016**, and the grayscale version is **51.3389, 54.0126, 58.8197**.

A 20% lighter version of the original color is **85.0709, 82.3065, 98.5918**, and **31.1263, 24.9678, 26.8456** is the 20% darker color. If you saturate the color by 10%, you get **54.6767, 42.5143, 44.5343**, and if you desaturate by 10%, it is **67.6638, 62.3113, 67.9066**.

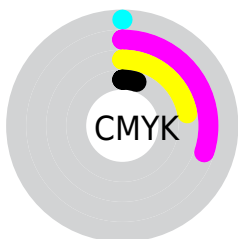
Distribution



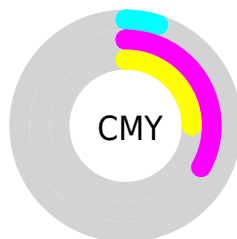
- Red (95%)
- Green (67%)
- Blue (75%)



- Red (95%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6311, 51.5218, 55.4643 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 60.6311, 51.5218, 55.4643 by changing the saturation by 10% instead.

 60.6311, 51.5218,
55.4643

 60.6311, 51.5218,
55.4643


416.7177,
392.5877, 425.0010

 44.1789, 36.6240,
39.3725

 104.8458, 92.4256,
99.6989

 31.0097, 24.9165,
26.7396


133.3390,
119.2005, 128.6787

 20.7581, 16.0149,
17.1470


166.5765,
150.7031, 162.7915

 13.0588, 9.5347,
10.1763

204.9239,
187.3180, 202.4560

 7.5463, 5.0916,
5.4089

248.7463,
229.4296, 248.0907

 3.8554, 2.3011,
2.4262

298.4091,

 1.6206, 0.7743,

277.4221, 300.1140

0.8007

354.2778,
331.6800, 358.9446

■ 0.4058, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6311, 51.5218,
55.4643

■ 60.6311, 51.5218,
55.4643

■ 54.6767, 42.5143,
44.5343

■ 67.6638, 62.3113,
67.9066

■ 49.7415, 35.1853,
35.0543

■ 75.8212, 74.9645,
81.9140

■ 45.7672, 29.4319,
26.9621

■ 85.1522, 89.5667,
97.5402

■ 42.6876, 25.1366,
20.1894

■ 90.7723, 97.7948,
108.6998

■ 40.4276, 22.1653,
14.6616

■ 38.8989, 20.3588,
10.2957

■ 37.9624, 19.4548,
6.9963

Harmonies

Analogous

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



59.0976, 51.5218, 72.4434



60.6311, 51.5218, 55.4643



58.8460, 51.5218, 41.5093

Triad

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



60.6311, 51.5218, 55.4643



43.5685, 51.5218, 33.5018



43.9256, 51.5218, 87.9416

Complementary

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



60.6311, 51.5218, 55.4643



61.9496, 77.9762, 81.6016

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.



40.2657, 51.5218, 73.7588



60.6311, 51.5218, 55.4643



40.0709, 51.5218, 42.4179

Square

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



60.6311, 51.5218, 55.4643



48.7480, 51.5218, 30.4254



38.9089, 51.5218, 56.7375



49.1925, 51.5218, 93.2281

Rectangle

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



60.6311, 51.5218, 55.4643



56.0879, 51.5218, 35.2158



38.9089, 51.5218, 56.7375



42.4812, 51.5218, 83.9375

Sweetspot

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



60.6325, 51.5242, 55.4653



85.5928, 85.1942, 93.0814



60.7755, 50.8027, 91.3971



18.0149, 17.7589, 19.4058



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.



60.6325, 51.5242, 55.4653



63.4873, 51.1713, 54.3040



61.7399, 56.9999, 45.7812



16.6856, 16.5571, 18.0910



20.8835, 10.6968, 4.0950



1.8770, 0.9568, 0.5785

Inverse Universe

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



60.6325, 51.5242, 55.4653



63.4873, 51.1713, 54.3040



60.2763, 70.0572, 95.1399



16.6856, 16.5571, 18.0910



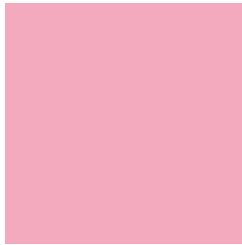
20.8835, 10.6968, 4.0950



1.8770, 0.9568, 0.5785

Previews

White Background



This preview shows how the XYZ color 60.6311, 51.5218, 55.4643 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 60.6311, 51.5218, 55.4643 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 60.6311, 51.5218, 55.4643

Background



This preview shows how black text looks on a background with the XYZ color 60.6311, 51.5218, 55.4643.



This preview shows how white text looks on a background with the XYZ color 60.6311, 51.5218,

55.4643.

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

60.6311, 51.5218, 55.4643

Protanopia

50.2261, 51.6886, 62.5880

Deuteranopia

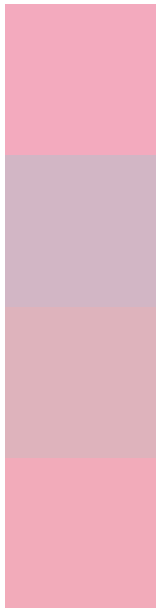
52.6885, 51.5705, 54.1908



Tritanopia

59.8326, 51.4638, 52.1274

Trichromacy



Original Color

60.6311, 51.5218, 55.4643

Protanomaly

53.3843, 51.1888, 59.8901

Deuteranomaly

55.3214, 51.4006, 54.5825

Tritanomaly

60.0438, 51.5482, 53.2395

Monochromacy



Original Color

60.6311, 51.5218, 55.4643

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.1260, 52.5452, 57.7416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6311, 51.5218, 55.4643 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(243, 170, 190)` looks like.

```
.text, #text, p{  
    color:rgb(243, 170, 190)  
}
```

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(243, 170, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 170, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.6311, 51.5218, 55.4643 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(243, 170, 190) }
```


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

```
.border{ border-color:rgb(243, 170, 190) }
```

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

Here you see how a box with a 4 pixel rgb(243, 170, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 170, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 170, 190);  
box-shadow:4px 4px 4px 4px rgb(243, 170,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6311, 51.5218, 55.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 170, 190) }
```

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

```
.background{ background-color: rgb(243,  
170, 190) }
```

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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