

Converting Colors

XYZ(61.2450, 51.1102, 59.8921)

Have a look what the booklet for
XYZ(61.2450, 51.1102, 59.8921)
contains.

XYZ(61.1578, 51.1372, 60.0732)	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(61.1578, 51.1372,
60.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A8C6
RGB	243, 168, 198
RGB Percent	95%, 66%, 78%
CMY	0.0471, 0.3412, 0.2235
CMYK	0.00, 0.31, 0.19, 0.05
HSL	336°, 76%, 81%
HSV	336°, 31%, 95%
XYZ	61.1578, 51.1372, 60.0732
YIQ	193.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

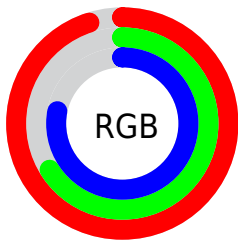
Format	Color
R _Y B	243, 168, 198
Decimal	15968454
CIE Lab	76.76, 31.82, -4.10
CIE LCh	77, 32.086, 352.658
Yxy	51.1372, 0.3548, 0.2967
Android (android.graphics.Color)	4294158534 (0xFF F3A8C6)
YUV	193.8450, 2.0484, 43.1089
Hunter-Lab	71.5103, 27.5157, 0.2498

Details

The XYZ color **61.1578, 51.1372, 60.0732** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.2114, 77.2314, 74.6881**, and the grayscale version is **51.1616, 53.8260, 58.6165**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **31.4145, 24.7142, 29.5001** is the 20% darker color. If you saturate the color by 10%, you get **55.4822, 42.3488, 50.2793**, and if you desaturate by 10%, it is **67.8365, 61.6715, 71.0014**.

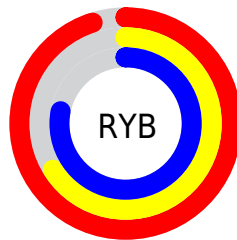
Distribution



Red (95%)

Green (66%)

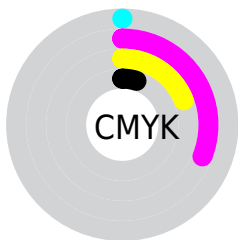
Blue (78%)



Red (95%)

Yellow (66%)

Blue (78%)

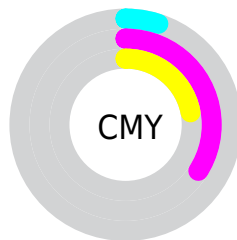


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (5%)



Cyan (5%)


Magenta (34%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1578, 51.1372, 60.0732 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 61.1578, 51.1372, 60.0732 by changing the saturation by 10% instead.


 61.1578, 51.1372,
60.0732


 61.1578, 51.1372,
60.0732


418.6190,
391.0966, 442.6797

 44.6056, 36.3178,
43.0520


 105.6042, 91.8575,
106.4803

 31.3468, 24.6797,
29.5942


 134.2291,
118.5273, 136.7032

 21.0162, 15.8386,
19.2813


167.6089,
149.9159, 172.1637

 13.2484, 9.4100,
11.6949

206.1089,
186.4079, 213.2804

 7.6780, 5.0096,
6.4163

250.0946,
228.3875, 260.4718

 3.9397, 2.2529,
3.0270

299.9313,

 1.6680, 0.7486,

276.2393, 314.1564

1.1084

355.9843,
330.3475, 374.7529

■ 0.4361, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1578, 51.1372,
60.0732

■ 61.1578, 51.1372,
60.0732

■ 55.4822, 42.3488,
50.2793

■ 67.8365, 61.6715,
71.0014

■ 50.7539, 35.2038,
41.5771

■ 75.5614, 74.0328,
83.0983

■ 46.9184, 29.6000,
33.9253

■ 84.3784, 88.3053,
96.4003

■ 43.9131, 25.4206,
27.2786

■ 90.7723, 97.7948,
108.6998

■ 41.6670, 22.5317,
21.5873

■ 40.0958, 20.7736,
16.7959

■ 39.1289, 19.9214,
13.1390

Harmonies

Analogous

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



58.5132, 51.1372, 78.5810



61.1578, 51.1372, 60.0732



60.2219, 51.1372, 43.7424

Triad

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



61.1578, 51.1372, 60.0732



44.2347, 51.1372, 30.1267



41.8466, 51.1372, 86.7974

Complementary

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



61.1578, 51.1372, 60.0732



60.2114, 77.2314, 74.6881

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.



38.5861, 51.1372, 69.6124



61.1578, 51.1372, 60.0732



39.8825, 51.1372, 37.7258

Square

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



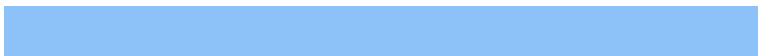
61.1578, 51.1372, 60.0732



50.1152, 51.1372, 28.6177



37.8983, 51.1372, 51.5058



47.1242, 51.1372, 95.9682

Rectangle

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



61.1578, 51.1372, 60.0732



57.7275, 51.1372, 35.9190



37.8983, 51.1372, 51.5058



40.4970, 51.1372, 81.6144

Sweetspot

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



61.1593, 51.1396, 60.0742



86.0221, 85.3660, 95.3421



57.6229, 48.6252, 91.1430



18.1202, 17.8010, 19.9603



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.



61.1593, 51.1396, 60.0742



64.1615, 50.7227, 60.0689



59.4593, 52.7393, 44.0946



16.7737, 16.5923, 18.5550



21.5375, 10.9584, 7.5389



1.9422, 0.9829, 0.9222

Inverse Universe

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



61.1593, 51.1396, 60.0742



64.1615, 50.7227, 60.0689



62.1795, 74.5006, 95.8973



16.7737, 16.5923, 18.5550



21.5375, 10.9584, 7.5389



1.9422, 0.9829, 0.9222

Previews

White Background



This preview shows how the XYZ color 61.1578, 51.1372, 60.0732 looks on a white background.

Color Contrast Check

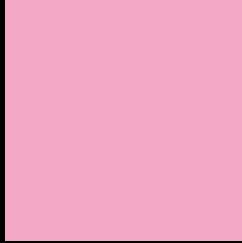
Large Text (above 18pt) WCAG AA × Fail

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 61.1578, 51.1372, 60.0732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

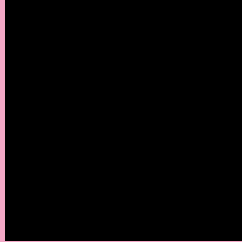
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1578, 51.1372, 60.0732

Background



This preview shows how black text looks on a background with the XYZ color 61.1578, 51.1372, 60.0732.



This preview shows how white text looks on a background with the XYZ color 61.1578, 51.1372,

60.0732.

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

61.1578, 51.1372, 60.0732

Protanopia

50.4490, 51.6631, 68.9411

Deuteranopia

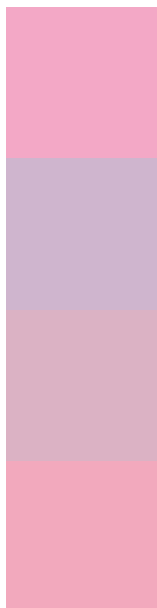
52.4444, 51.3429, 58.7758



Tritanopia

59.3021, 50.9109, 52.0486

Trichromacy



Original Color

61.1578, 51.1372, 60.0732

Protanomaly

53.3966, 50.7694, 65.3777

Deuteranomaly

55.0976, 50.8864, 59.1426

Tritanomaly

59.9912, 50.9273, 54.8122

Monochromacy



Original Color

61.1578, 51.1372, 60.0732

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.3507, 52.6351, 58.9248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1578, 51.1372, 60.0732 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, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(243, 168, 198)  
}
```

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, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 168, 198) }
```

Border

The CSS property to change the border of an element to XYZ 61.1578, 51.1372, 60.0732 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, 168, 198) }
```


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

```
.border{ border-color:rgb(243, 168, 198) }
```

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

Here you see how a box with a 4 pixel rgb(243, 168, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 168, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 168, 198);  
box-shadow:4px 4px 4px 4px rgb(243, 168,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1578, 51.1372, 60.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 168, 198) }
```

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

```
.background{ background-color: rgb(243,  
168, 198) }
```

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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