

Converting Colors

XYZ(59.6579, 53.5771, 62.1019)

Have a look what the booklet for
XYZ(59.6579, 53.5771, 62.1019)
contains.

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Color

**XYZ(59.5004, 53.3993,
61.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B3C8
RGB	231, 179, 200
RGB Percent	91%, 70%, 78%
CMY	0.0941, 0.2980, 0.2157
CMYK	0.00, 0.23, 0.13, 0.09
HSL	336°, 52%, 80%
HSV	336°, 23%, 91%
XYZ	59.5004, 53.3993, 61.8147
YIQ	196.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

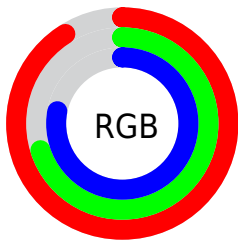
Format	Color
R _Y B	231, 179, 200
Decimal	15184840
CIE Lab	78.11, 22.08, -3.35
CIE LCh	78, 22.329, 351.381
Yxy	53.3993, 0.3406, 0.3056
Android (android.graphics.Color)	4293374920 (0xFFE7B3C8)
YUV	196.9420, 1.5076, 29.8689
Hunter-Lab	73.0748, 17.4608, 0.9984

Details

The XYZ color **59.5004, 53.3993, 61.8147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.8013, 71.3900, 71.6566**, and the grayscale version is **53.0182, 55.7793, 60.7436**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.3284, 26.1110, 30.6356** is the 20% darker color. If you saturate the color by 10%, you get **53.7151, 44.2892, 52.2997**, and if you desaturate by 10%, it is **66.2093, 64.1232, 72.3542**.

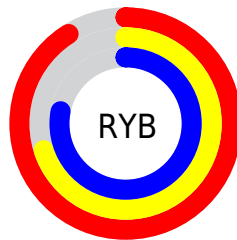
Distribution



Red (91%)

Green (70%)

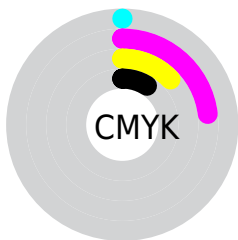
Blue (78%)



Red (91%)

Yellow (70%)

Blue (78%)

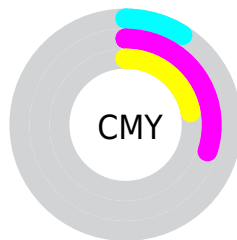


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (9%)



Cyan (9%)

Magenta (30%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5004, 53.3993, 61.8147 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 59.5004, 53.3993, 61.8147 by changing the saturation by 10% instead.

 59.5004, 53.3993,
61.8147

 59.5004, 53.3993,
61.8147


412.6181,
399.8152, 449.2438

 43.2640, 38.1216,
44.4482


 103.2151, 95.1917,
109.0267

 30.2877, 26.0771,
30.6832


131.4240,
122.4752, 139.7092

 20.2062, 16.8813,
20.1013


164.3546,
154.5294, 175.6675

 12.6542, 10.1499,
12.2839

202.3720,
191.7387, 217.3200

 7.2662, 5.4985,
6.8124

245.8417,
234.4876, 265.0854

 3.6769, 2.5426,
3.2684

295.1291,

 1.5210, 0.8979,

283.1603, 319.3821

1.2333

350.5994,
338.1414, 380.6288

■ 0.3401, 0.0000,
0.0061

■ 0.0000, 0.0000,
0.0000

■ 59.5004, 53.3993,
61.8147

■ 59.5004, 53.3993,
61.8147

■ 53.7151, 44.2892,
52.2997

■ 66.2093, 64.1232,
72.3542

■ 48.8065, 36.7070,
43.7729

■ 73.8767, 76.5271,
83.9461

■ 44.7301, 30.5697,
36.2005

■ 82.5415, 90.6820,
96.6214

■ 41.4356, 25.7833,
29.5454

■ 86.7652, 95.7290,
108.5123

■ 38.8671, 22.2428,
23.7672

■ 36.9603, 19.8271,
18.8222

■ 35.6386, 18.3907,
14.6606

■ 34.9433, 17.7843,
12.0116

Harmonies

Analogous

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



57.5886, 53.3993, 74.4480



59.5004, 53.3993, 61.8147



58.9659, 53.3993, 49.8234

Triad

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



59.5004, 53.3993, 61.8147



47.7597, 53.3993, 38.5329



45.7009, 53.3993, 78.9860

Complementary

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



59.5004, 53.3993, 61.8147



58.8013, 71.3900, 71.6566

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.



43.3430, 53.3993, 67.3402



59.5004, 53.3993, 61.8147



44.4835, 53.3993, 44.4110

Square

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



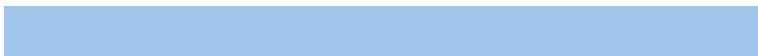
59.5004, 53.3993, 61.8147



52.0209, 53.3993, 37.4927



42.9105, 53.3993, 54.6192



49.5087, 53.3993, 85.2510

Rectangle

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



59.5004, 53.3993, 61.8147



57.3066, 53.3993, 43.6745



42.9105, 53.3993, 54.6192



44.7218, 53.3993, 75.4981

Sweetspot

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



59.5019, 53.4017, 61.8158



87.9512, 88.4687, 98.3137



56.9348, 51.6164, 82.5640



18.7003, 18.7339, 20.8545



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.



59.5019, 53.4017, 61.8158



70.9619, 61.2936, 71.6767



58.0959, 54.2508, 50.0603



14.6170, 14.4640, 16.1833



19.6473, 9.9931, 7.0376



1.4969, 0.7565, 0.7570

Inverse Universe

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



59.5019, 53.4017, 61.8158



70.9619, 61.2936, 71.6767



60.3939, 70.1105, 85.9514



14.6170, 14.4640, 16.1833



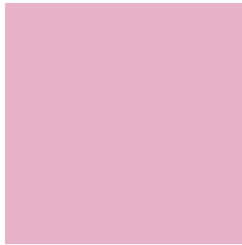
19.6473, 9.9931, 7.0376



1.4969, 0.7565, 0.7570

Previews

White Background



This preview shows how the XYZ color 59.5004, 53.3993, 61.8147 looks on a white background.

Color Contrast Check

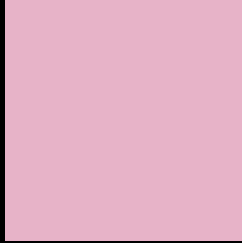
Large Text (above 18pt) WCAG AA × Fail

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 59.5004, 53.3993, 61.8147 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 59.5004, 53.3993, 61.8147

Background



This preview shows how black text looks on a background with the XYZ color 59.5004, 53.3993, 61.8147.



This preview shows how white text looks on a background with the XYZ color 59.5004, 53.3993,

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

59.5004, 53.3993, 61.8147

Protanopia

52.2271, 53.5908, 67.2659

Deuteranopia

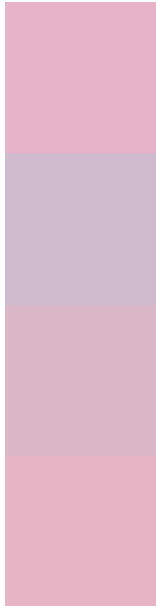
54.5417, 53.3195, 60.8431



Tritanopia

58.6920, 53.3606, 58.2451

Trichromacy



Original Color

59.5004, 53.3993, 61.8147

Protanomaly

54.5219, 53.2138, 65.1553

Deuteranomaly

56.3627, 53.3099, 61.3520

Tritanomaly

58.9182, 53.4510, 59.4363

Monochromacy



Original Color

59.5004, 53.3993, 61.8147

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.9010, 54.4594, 61.0442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5004, 53.3993, 61.8147 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(231, 179, 200)` looks like.

```
.text, #text, p{  
    color:rgb(231, 179, 200)  
}
```

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(231, 179, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 179, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.5004, 53.3993, 61.8147 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(231, 179, 200) }
```


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

```
.border{ border-color:rgb(231, 179, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 179, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(231, 179,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5004, 53.3993, 61.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 179, 200) }
```

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

```
.background{ background-color: rgb(231,  
179, 200) }
```

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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