

Converting Colors

XYZ(65.6663, 61.3022, 59.2928)

Have a look what the booklet for
XYZ(65.6663, 61.3022, 59.2928)
contains.

XYZ(65.6473, 61.3559, 59.4218)	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(65.6473, 61.3559,
59.4218)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C2C2
RGB	242, 194, 194
RGB Percent	95%, 76%, 76%
CMY	0.0510, 0.2392, 0.2392
CMYK	0.00, 0.20, 0.20, 0.05
HSL	0°, 65%, 85%
HSV	0°, 20%, 95%
XYZ	65.6473, 61.3559, 59.4218
YIQ	208.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

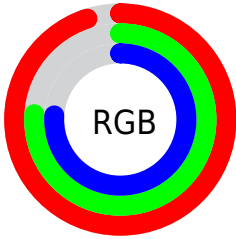
Format	Color
R _Y B	242, 194, 194
Decimal	15909570
CIE Lab	82.57, 17.10, 6.51
CIE LCh	83, 18.300, 20.831
Yxy	61.3559, 0.3521, 0.3291
Android (android.graphics.Color)	4294099650 (0xFFFF2C2C2)
YUV	208.3520, -7.0755, 29.5093
Hunter-Lab	78.3300, 12.5209, 9.8531

Details

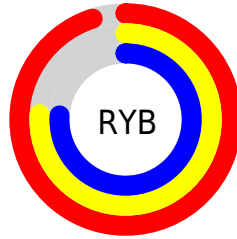
The XYZ color **65.6473, 61.3559, 59.4218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0264, 81.3820, 96.0222**, and the grayscale version is **60.2155, 63.3514, 68.9897**.

A 20% lighter version of the original color is **92.9925, 97.1565, 104.2943**, and **34.1193, 30.9639, 28.9893** is the 20% darker color. If you saturate the color by 10%, you get **58.1938, 50.4498, 44.6024**, and if you desaturate by 10%, it is **74.4236, 74.1984, 76.8671**.

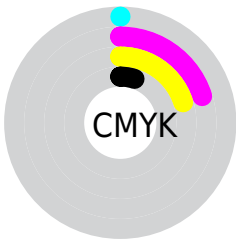
Distribution



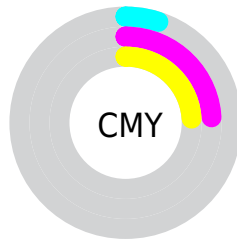
- Red (95%)
- Green (76%)
- Blue (76%)



- Red (95%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (5%)




- Cyan (5%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6473, 61.3559, 59.4218 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 65.6473, 61.3559, 59.4218 by changing the saturation by 10% instead.


 65.6473, 61.3559,
59.4218

 65.6473, 61.3559,
59.4218

434.6230,
429.5777, 440.2086

 48.2528, 44.5125,
42.5305


 112.0405,
106.7941, 105.5256

 34.2392, 31.0736,
29.1883


141.7699,
136.1576, 135.5752

 23.2412, 20.6549,
18.9765


176.3417,
170.4633, 170.8480

 14.8934, 12.8720,
11.4766

216.1211,
210.0955, 211.7625

 8.8304, 7.3404,
6.2702

261.4736,
255.4387, 258.7373

 4.6870, 3.6759,
2.9386

312.7645,

 2.0976, 1.4940,

306.8772, 312.1908

1.0634

370.3592,
364.7954, 372.5418

0.6879, 0.2845,
0.0000

0.0000, 0.0000,
0.0000

65.6473, 61.3559,
59.4218

65.6473, 61.3559,
59.4218

58.1938, 50.4498,
44.6024

74.4236, 74.1984,
76.8671

51.9944, 41.3782,
32.2782

84.5772, 89.0557,
97.0526

46.9816, 34.0430,
22.3132

90.4281, 97.6173,
108.6837

43.0798, 28.3334,
14.5568

■ 40.2044, 24.1258,
8.8413

■ 38.2591, 21.2790,
4.9746

■ 37.1289, 19.6250,
2.7284

■ 36.6249, 18.8874,
1.7268

■ 36.6183, 18.8778,
1.7138

Harmonies

Analogous

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



66.0770, 61.3559, 70.3046



65.6473, 61.3559, 59.4218



63.2072, 61.3559, 51.4325

Triad

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



65.6473, 61.3559, 59.4218



52.6677, 61.3559, 54.0811



57.1243, 61.3559, 90.4569

Complementary

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



65.6473, 61.3559, 59.4218



70.0264, 81.3820, 96.0222

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.



53.6857, 61.3559, 84.9735



65.6473, 61.3559, 59.4218



51.1895, 61.3559, 63.4258

Square

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



65.6473, 61.3559, 59.4218



55.6781, 61.3559, 48.5974



51.5536, 61.3559, 74.7782



61.0379, 61.3559, 89.0750

Rectangle

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



65.6473, 61.3559, 59.4218



60.8265, 61.3559, 48.4245



51.5536, 61.3559, 74.7782



55.8774, 61.3559, 89.3345

Sweetspot

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



65.6490, 61.3587, 59.4231



87.9959, 89.6780, 94.8763



71.9372, 63.8723, 92.5418



18.6778, 18.9652, 19.9955



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.



65.6490, 61.3587, 59.4231



70.2038, 63.6433, 59.5055



71.4275, 72.9157, 61.3492



15.7730, 15.7591, 16.3602



19.6717, 10.1414, 0.9207



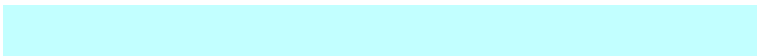
1.6365, 0.8438, 0.0766

Inverse Universe

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



70.0264, 81.3820, 96.0222



76.0049, 90.1790, 108.0082



63.3472, 68.0236, 93.7958



16.2473, 17.9287, 20.3259



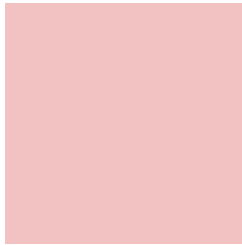
25.6636, 37.5515, 51.0234



2.1350, 3.1240, 4.2447

Previews

White Background



This preview shows how the XYZ color 65.6473, 61.3559, 59.4218 looks on a white background.

Color Contrast Check

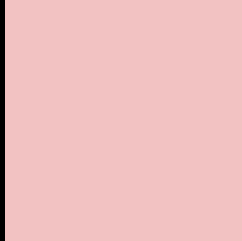
Large Text (above 18pt) WCAG AA × Fail

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 65.6473, 61.3559, 59.4218 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 65.6473, 61.3559, 59.4218

Background



This preview shows how black text looks on a background with the XYZ color 65.6473, 61.3559, 59.4218.



This preview shows how white text looks on a background with the XYZ color 65.6473, 61.3559,

59.4218.

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

65.6473, 61.3559, 59.4218

Protanopia

59.1206, 61.6817, 63.4333

Deuteranopia

62.6822, 61.5201, 59.0229



Tritanopia

67.4203, 61.4374, 67.3366

Trichromacy



Original Color

65.6473, 61.3559, 59.4218

Protanomaly

61.2039, 61.3801, 62.0478

Deuteranomaly

63.5236, 61.2752, 58.9313

Tritanomaly

66.6928, 61.4589, 64.2248

Monochromacy



Original Color

65.6473, 61.3559, 59.4218

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.6506, 62.2393, 65.2640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6473, 61.3559, 59.4218 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(242, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 194)  
}
```

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(242, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 65.6473, 61.3559, 59.4218 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(242, 194, 194) }
```


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

```
.border{ border-color:rgb(242, 194, 194) }
```

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

Here you see how a box with a 4 pixel rgb(242, 194, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6473, 61.3559, 59.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 194) }
```

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

```
.background{ background-color: rgb(242,  
194, 194) }
```

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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