

Converting Colors

XYZ(62.1321, 55.8139, 57.7061)

Have a look what the booklet for
XYZ(62.1321, 55.8139, 57.7061)
contains.

XYZ(62.2888, 55.8314, 57.9456)	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(62.2888, 55.8314,
57.9456)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B6C1
RGB	240, 182, 193
RGB Percent	94%, 71%, 76%
CMY	0.0588, 0.2863, 0.2431
CMYK	0.00, 0.24, 0.20, 0.06
HSL	349°, 66%, 83%
HSV	349°, 24%, 94%
XYZ	62.2888, 55.8314, 57.9456
YIQ	200.5960, 31.0370, 15.7170

Conversions

Conversions Part 2

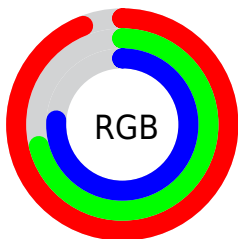
Format	Color
RYB	240, 182, 193
Decimal	15775425
CIELab	79.52, 22.59, 2.61
CIELCh	80, 22.740, 6.592
Yxy	55.8314, 0.3538, 0.3171
Android (android.graphics.Color)	4293965505 (0xFFFF0B6C1)
YUV	200.5960, -3.7448, 34.5573
Hunter-Lab	74.7204, 18.0413, 6.3250

Details

The XYZ color **62.2888, 55.8314, 57.9456** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5967, 77.9239, 85.7689**, and the grayscale version is **55.2776, 58.1564, 63.3323**.

A 20% lighter version of the original color is **88.9134, 89.2486, 102.1630**, and **32.1123, 27.6612, 28.4576** is the 20% darker color. If you saturate the color by 10%, you get **55.7596, 46.0196, 45.7593**, and if you desaturate by 10%, it is **69.9488, 67.4471, 71.9180**.

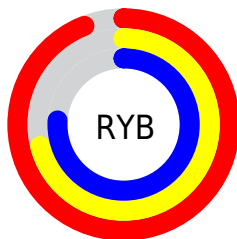
Distribution



Red (94%)

Green (71%)

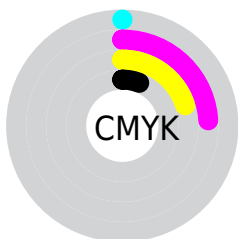
Blue (76%)



Red (94%)

Yellow (71%)

Blue (76%)

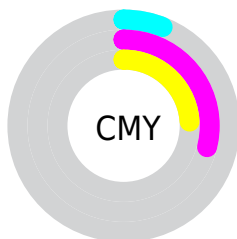


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (6%)



Cyan (6%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2888, 55.8314, 57.9456 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 62.2888, 55.8314, 57.9456 by changing the saturation by 10% instead.


 62.2888, 55.8314,
57.9456

 62.2888, 55.8314,
57.9456


422.6845,
409.0558, 434.5758

 45.5226, 40.0678,
41.3505


 107.2304, 98.7580,
103.3576

 32.0723, 27.5914,
28.2713


136.1365,
126.6898, 133.0116

 21.5725, 18.0179,
18.2894


169.8199,
159.4464, 167.8557

 13.6580, 10.9628,
10.9864

208.6460,
197.4123, 208.3084

 7.9633, 6.0418,
5.9436

252.9802,
240.9717, 254.7882

 4.1231, 2.8705,
2.7426

303.1878,

 1.7720, 1.0645,

290.5092, 307.7137

0.9648

359.6341,
346.4091, 367.5033

■ 0.5007, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2888, 55.8314,
57.9456

■ 62.2888, 55.8314,
57.9456

■ 55.7596, 46.0196,
45.7593

■ 69.9488, 67.4471,
71.9180

■ 50.3025, 37.9136,
35.2830

■ 78.7853, 80.9429,
87.7412

■ 45.8607, 31.4179,
26.4404

■ 88.8471, 96.4000,
105.4812

■ 42.3698, 26.4243,
19.1479

■ 89.7455, 97.2654,
108.6518

■ 39.7583, 22.8112,
13.3141

■ 37.9438, 20.4380,
8.8378

■ 36.8274, 19.1336,
5.6037

■ 36.4188, 18.7188,
4.2272

Harmonies

Analogous

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



61.5512, 55.8314, 71.3539



62.2888, 55.8314, 57.9456



60.4436, 55.8314, 46.9812

Triad

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



62.2888, 55.8314, 57.9456



47.9952, 55.8314, 42.7309



49.6490, 55.8314, 86.9525

Complementary

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



62.2888, 55.8314, 57.9456



64.5967, 77.9239, 85.7689

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.



46.3147, 55.8314, 77.0718



62.2888, 55.8314, 57.9456



45.3990, 55.8314, 51.3255

Square

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



62.2888, 55.8314, 57.9456



52.0630, 55.8314, 39.0498



44.8018, 55.8314, 63.7279



54.0819, 55.8314, 89.3947

Rectangle

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



62.2888, 55.8314, 57.9456



58.0561, 55.8314, 42.0996



44.8018, 55.8314, 63.7279



48.3705, 55.8314, 84.3283

Sweetspot

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



62.2904, 55.8340, 57.9468



87.3753, 88.2383, 95.2813



64.5800, 56.3093, 89.9038



18.5672, 18.6807, 20.1536



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.



62.2904, 55.8340, 57.9468



67.6323, 58.2714, 59.3544



64.8961, 62.9362, 52.9866



15.8952, 15.8078, 17.0045



19.9720, 10.2612, 2.5033



1.6948, 0.8670, 0.3837

Inverse Universe

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



62.2904, 55.8340, 57.9468



67.6323, 58.2714, 59.3544



61.3026, 68.8002, 92.4875



15.8952, 15.8078, 17.0045



19.9720, 10.2612, 2.5033



1.6948, 0.8670, 0.3837

Previews

White Background



This preview shows how the XYZ color 62.2888, 55.8314, 57.9456 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 62.2888, 55.8314, 57.9456 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 62.2888, 55.8314, 57.9456

Background



This preview shows how black text looks on a background with the XYZ color 62.2888, 55.8314, 57.9456.



This preview shows how white text looks on a background with the XYZ color 62.2888, 55.8314,

57.9456.

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

62.2888, 55.8314, 57.9456

Protanopia

54.1020, 55.9763, 63.2114

Deuteranopia

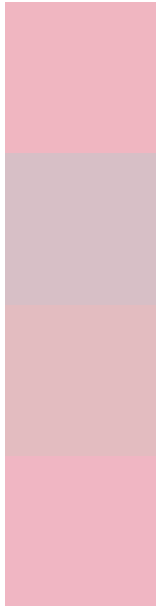
57.2482, 56.0833, 57.0981



Tritanopia

62.6269, 55.9667, 59.7264

Trichromacy



Original Color

62.2888, 55.8314, 57.9456

Protanomaly

56.8482, 55.7859, 61.1976

Deuteranomaly

59.1762, 56.1031, 57.5792

Tritanomaly

62.5135, 55.9213, 59.1288

Monochromacy



Original Color

62.2888, 55.8314, 57.9456

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.5092, 57.1079, 61.4179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2888, 55.8314, 57.9456 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(240, 182, 193) looks like.

```
.text, #text, p{  
    color:rgb(240, 182, 193)  
}
```

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(240, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 182, 193) }
```

Border

The CSS property to change the border of an element to XYZ 62.2888, 55.8314, 57.9456 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(240, 182, 193) }
```


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

```
.border{ border-color:rgb(240, 182, 193) }
```

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

Here you see how a box with a 4 pixel rgb(240, 182, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(240, 182,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2888, 55.8314, 57.9456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 182, 193) }
```

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

```
.background{ background-color: rgb(240,  
182, 193) }
```

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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