

Converting Colors

XYZ(55.8165, 62.2082, 72.9693)

Have a look what the booklet for
XYZ(55.8165, 62.2082, 72.9693)
contains.

XYZ(55.9308, 62.3811, 72.7112)	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(55.9308, 62.3811,
72.7112)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD4D6
RGB	186, 212, 214
RGB Percent	73%, 83%, 84%
CMY	0.2706, 0.1686, 0.1608
CMYK	0.13, 0.01, 0.00, 0.16
HSL	184°, 25%, 78%
HSV	184°, 13%, 84%
XYZ	55.9308, 62.3811, 72.7112
YIQ	204.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

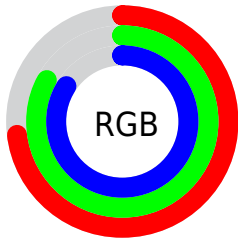
Format	Color
R _{YB}	186, 199, 214
Decimal	12244182
CIE Lab	83.12, -8.23, -3.93
CIE LCh	83, 9.117, 205.501
Yxy	62.3811, 0.2928, 0.3266
Android (android.graphics.Color)	4290434262 (0xFFBAD4D6)
YUV	204.4540, 4.7062, -16.1842
Hunter-Lab	78.9817, -11.8134, 0.7043

Details

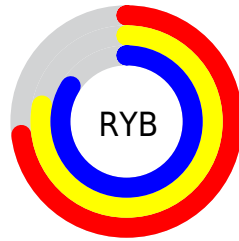
The XYZ color **55.9308, 62.3811, 72.7112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5781, 53.8076, 53.9649**, and the grayscale version is **57.6617, 60.6646, 66.0637**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **27.9878, 31.6037, 37.4259** is the 20% darker color. If you saturate the color by 10%, you get **50.7370, 59.1415, 72.3606**, and if you desaturate by 10%, it is **61.9104, 66.0345, 73.1022**.

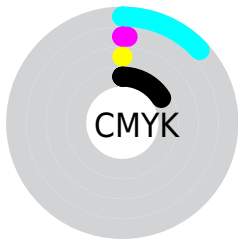
Distribution



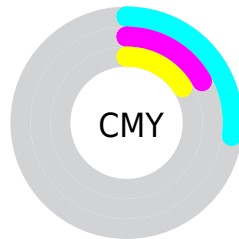
- Red (73%)
- Green (83%)
- Blue (84%)



- Red (73%)
- Yellow (78%)
- Blue (84%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9308, 62.3811, 72.7112 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 55.9308, 62.3811, 72.7112 by changing the saturation by 10% instead.

■ 55.9308, 62.3811,
72.7112

■ 55.9308, 62.3811,
72.7112

399.5099,
433.3199, 489.0572

■ 40.3842, 45.3407,
53.2495

■ 98.0438, 108.2761,
124.7842

■ 28.0238, 31.7259,
37.6129

125.3409,
137.8996, 158.2326

■ 18.4841, 21.1522,
25.3829

157.2856,
172.4861, 197.1803

■ 11.3999, 13.2353,
16.1409

194.2432,
212.4202, 242.0459

■ 6.4058, 7.5908,
9.4685

236.5791,
258.0863, 293.2478

■ 3.1363, 3.8342,
4.9470

284.6586,

■ 1.2263, 1.5813,

309.8686, 351.2046

2.1580

338.8471,
368.1517, 416.3349

■ 0.1270, 0.3449,
0.6500

■ 0.0000, 0.0000,
0.0000

■ 55.9308, 62.3811,
72.7112

■ 55.9308, 62.3811,
72.7112

■ 50.7370, 59.1415,
72.3606

■ 61.9104, 66.0345,
73.1022

■ 46.2891, 56.2901,
72.0447

■ 68.7028, 70.1106,
73.5310

■ 42.5519, 53.8104,
71.7630

■ 76.3403, 74.6277,
74.0003

■ 39.4849, 51.6816,
71.5138

■ 78.4776, 76.3148,
74.2133

■ 37.0440, 49.8807,
71.2948

■ 78.8755, 77.1106,
74.3459

■ 35.1794, 48.3823,
71.1039

■ 79.2771, 77.9137,
74.4798

■ 33.8338, 47.1567,
70.9382

■ 79.6823, 78.7241,
74.6149

■ 32.9382, 46.1683,
70.7946

■ 80.0912, 79.5419,
74.7512

■ 32.5011, 45.5818,
70.7045

■ 80.5038, 80.3671,
74.8887

Harmonies

Analogous

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



55.5870, 62.3811, 67.0733



55.9308, 62.3811, 72.7112



57.1673, 62.3811, 77.2816

Triad

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



55.9308, 62.3811, 72.7112



62.4751, 62.3811, 74.2677



59.5896, 62.3811, 57.6508

Complementary

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



55.9308, 62.3811, 72.7112



54.5781, 53.8076, 53.9649

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.



61.4674, 62.3811, 59.3511



55.9308, 62.3811, 72.7112



63.1567, 62.3811, 68.7787

Square

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



55.9308, 62.3811, 72.7112



60.9407, 62.3811, 78.2147



62.7839, 62.3811, 63.3486



57.6721, 62.3811, 58.5751

Rectangle

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



55.9308, 62.3811, 72.7112



58.3461, 62.3811, 79.0005



62.7839, 62.3811, 63.3486



60.2468, 62.3811, 57.9316

Sweetspot

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



55.9326, 62.3837, 72.7126



91.1648, 97.6532, 108.6518



53.3601, 62.1584, 56.6882



19.3614, 20.8098, 23.2462



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.



55.9326, 62.3837, 72.7126



80.6787, 91.2237, 107.9635



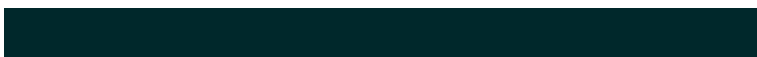
52.6130, 55.7445, 71.6061



12.7129, 13.9491, 15.9599



19.6770, 27.6157, 42.7464



1.2100, 1.7120, 2.5860

Inverse Universe

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



57.1756, 54.1687, 69.7325



82.9222, 76.4884, 102.5636



57.6848, 60.0209, 55.0004



12.9130, 12.6167, 15.4822



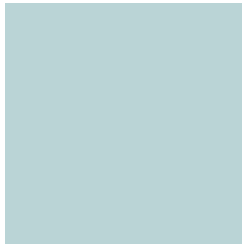
22.9909, 11.1327, 33.5857



1.3984, 0.6762, 2.0874

Previews

White Background



This preview shows how the XYZ color 55.9308, 62.3811, 72.7112 looks on a white background.

Color Contrast Check

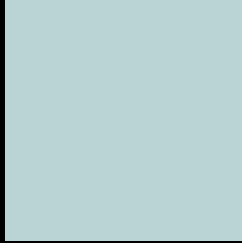
Large Text (above 18pt) WCAG AA × Fail

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 55.9308, 62.3811, 72.7112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

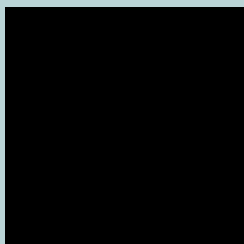
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

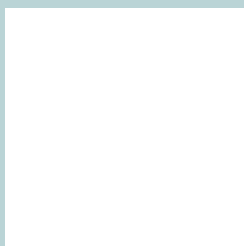
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9308, 62.3811, 72.7112

Background



This preview shows how black text looks on a background with the XYZ color 55.9308, 62.3811, 72.7112.



This preview shows how white text looks on a background with the XYZ color 55.9308, 62.3811,

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

55.9308, 62.3811, 72.7112

Protanopia

59.9987, 62.3511, 69.8455

Deuteranopia

63.1731, 61.7960, 73.5640



Tritanopia

57.6508, 62.3306, 81.6655

Trichromacy



Original Color

55.9308, 62.3811, 72.7112

Protanomaly

58.4011, 62.2324, 70.5620

Deuteranomaly

60.1531, 61.6473, 73.0187

Tritanomaly

56.9726, 62.4273, 78.1541

Monochromacy



Original Color

55.9308, 62.3811, 72.7112

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7239, 61.0500, 68.4687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9308, 62.3811, 72.7112 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(186, 212, 214) looks like.

```
.text, #text, p{  
    color:rgb(186, 212, 214)  
}
```

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(186, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 212, 214) }
```

Border

The CSS property to change the border of an element to XYZ 55.9308, 62.3811, 72.7112 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(186, 212, 214) }
```


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

```
.border{ border-color:rgb(186, 212, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 212, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 212,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9308, 62.3811, 72.7112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 212, 214) }
```

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

```
.background{ background-color: rgb(186,  
212, 214) }
```

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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