

Converting Colors

XYZ(55.6286, 60.2263, 62.2952)

Have a look what the booklet for
XYZ(55.6286, 60.2263, 62.2952)
contains.

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Color

**XYZ(55.5531, 60.2256,
62.1228)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CEC6
RGB	198, 206, 198
RGB Percent	78%, 81%, 78%
CMY	0.2235, 0.1921, 0.2235
CMYK	0.04, 0.00, 0.04, 0.19
HSL	120°, 8%, 79%
HSV	120°, 4%, 81%
XYZ	55.5531, 60.2256, 62.1228
YIQ	202.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

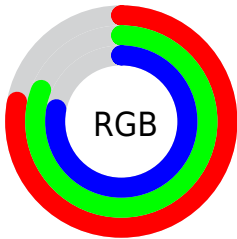
Format	Color
RYB	198, 206, 206
Decimal	13029062
CIELab	81.96, -4.20, 3.02
CIELCh	82, 5.168, 144.274
Yxy	60.2256, 0.3123, 0.3385
Android (android.graphics.Color)	4291219142 (0xFFC6CEC6)
YUV	202.6960, -2.3151, -4.1184
Hunter-Lab	77.6052, -8.0311, 6.8621

Details

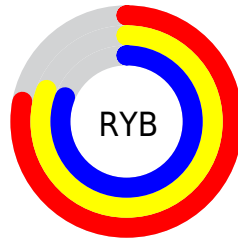
The XYZ color **55.5531, 60.2256, 62.1228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7905, 57.9678, 66.5913**, and the grayscale version is **56.5906, 59.5377, 64.8366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7639, 30.3994, 30.7899** is the 20% darker color. If you saturate the color by 10%, you get **48.2713, 56.7296, 50.2106**, and if you desaturate by 10%, it is **63.9000, 64.2368, 75.7745**.

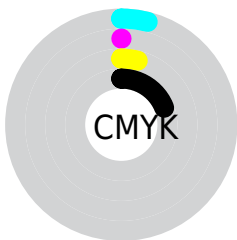
Distribution



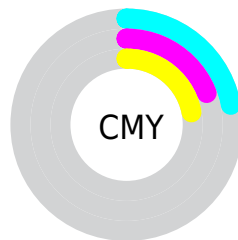
- Red (78%)
- Green (81%)
- Blue (78%)



- Red (78%)
- Yellow (81%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5531, 60.2256, 62.1228 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 55.5531, 60.2256, 62.1228 by changing the saturation by 10% instead.

■ 55.5531, 60.2256,
62.1228

■ 55.5531, 60.2256,
62.1228

398.1075,
425.4288, 450.3989

■ 40.0803, 43.6005,
44.6955

97.4945, 105.1569,
109.4763

■ 27.7857, 30.3566,
30.8765

124.6938,
134.2318, 140.2396

■ 18.3038, 20.1094,
20.2471

156.5326,
168.2255, 176.2853

■ 11.2693, 12.4746,
12.3889

193.3764,
207.5223, 218.0320

■ 6.3169, 7.0678,
6.8834

235.5904,
252.5067, 265.8981

■ 3.0812, 3.5045,
3.3119

283.5400,

■ 1.1969, 1.4005,

303.5629, 320.3023

1.2560

337.5906,
361.0755, 381.6630

■ 0.1039, 0.2171,
0.0254

■ 0.0000, 0.0000,
0.0000

■ 55.5531, 60.2256,
62.1228

■ 55.5531, 60.2256,
62.1228

■ 48.2713, 56.7296,
50.2106

■ 63.9000, 64.2368,
75.7745

■ 42.0071, 53.7205,
39.9642

■ 73.3472, 68.7748,
91.2273

■ 36.7166, 51.1793,
31.3106

■ 81.3625, 72.6249,
104.3375

■ 32.3511, 49.0823,
24.1699

■ 28.8574, 47.4041,
18.4552

■ 26.1769, 46.1165,
14.0709

■ 24.2442, 45.1881,
10.9096

■ 22.9834, 44.5825,
8.8473

■ 22.3027, 44.2555,
7.7340

Harmonies

Analogous

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



56.3828, 60.2256, 60.2394



55.5531, 60.2256, 62.1228



55.1765, 60.2256, 64.9767

Triad

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



55.5531, 60.2256, 62.1228



57.0332, 60.2256, 71.7495



59.1802, 60.2256, 63.1316

Complementary

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



55.5531, 60.2256, 62.1228



56.7905, 57.9678, 66.5913

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.



59.3597, 60.2256, 66.1779



55.5531, 60.2256, 62.1228



58.1111, 60.2256, 71.2176

Square

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



55.5531, 60.2256, 62.1228



56.0240, 60.2256, 70.5849



58.9661, 60.2256, 69.1537



58.4788, 60.2256, 60.8088

Rectangle

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



55.5531, 60.2256, 62.1228



55.2296, 60.2256, 67.0709



58.9661, 60.2256, 69.1537



59.3040, 60.2256, 64.1023

Sweetspot

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



55.5548, 60.2282, 62.1241



93.7102, 99.3564, 106.7084



57.6885, 61.2805, 62.2148



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



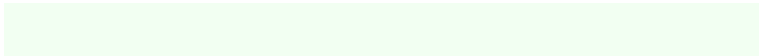
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.5548, 60.2282, 62.1241



88.5285, 96.8674, 98.2327



56.0068, 60.4090, 64.5045



11.6684, 12.8254, 12.8979



13.5908, 27.1816, 4.5303



0.7011, 1.4023, 0.2337

Inverse Universe

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



56.7905, 57.9678, 66.5913



91.1165, 92.1332, 107.5889



56.3262, 57.7821, 64.1462



12.0497, 12.1279, 14.2762



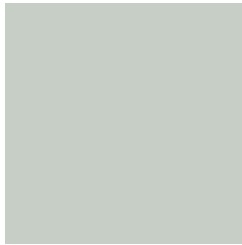
22.5331, 10.8238, 36.8578



1.1625, 0.5584, 1.9015

Previews

White Background



This preview shows how the XYZ color 55.5531, 60.2256, 62.1228 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 55.5531, 60.2256, 62.1228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

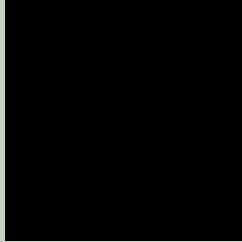
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

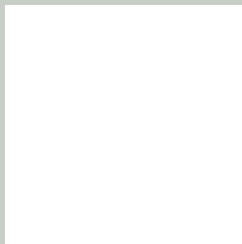
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5531, 60.2256, 62.1228

Background



This preview shows how black text looks on a background with the XYZ color 55.5531, 60.2256, 62.1228.

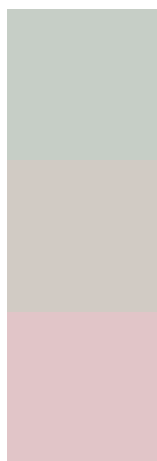


This preview shows how white text looks on a background with the XYZ color 55.5531, 60.2256,

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

55.5531, 60.2256, 62.1228

Protanopia

57.6142, 60.2527, 60.8179

Deuteranopia

61.4429, 60.1102, 63.0076



Tritanopia

58.2295, 60.2439, 75.5770

Trichromacy



Original Color

55.5531, 60.2256, 62.1228

Protanomaly

56.8477, 60.1961, 61.4461

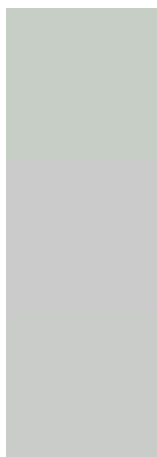
Deuteranomaly

58.9874, 59.8791, 62.4817

Tritanomaly

57.1702, 60.1682, 70.2285

Monochromacy



Original Color

55.5531, 60.2256, 62.1228

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2229, 59.8203, 63.8415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5531, 60.2256, 62.1228 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(198, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 206, 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(198, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 206, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.5531, 60.2256, 62.1228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

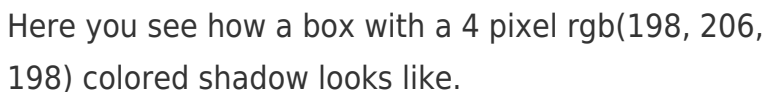
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 206, 198) }
```


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

```
.border{ border-color:rgb(198, 206, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 206, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 206, 198); box-shadow:4px 4px 4px 4px rgb(198, 206, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5531, 60.2256, 62.1228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 206, 198) }
```

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

```
.background{ background-color: rgb(198,  
206, 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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