

Converting Colors

XYZ(55.5227, 59.8771, 61.9507)

Have a look what the booklet for
XYZ(55.5227, 59.8771, 61.9507)
contains.

XYZ(55.5776, 59.8820, 62.0552)	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(55.5776, 59.8820,
62.0552)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CDC6
RGB	199, 205, 198
RGB Percent	78%, 80%, 78%
CMY	0.2196, 0.1961, 0.2235
CMYK	0.03, 0.00, 0.03, 0.20
HSL	111°, 7%, 79%
HSV	111°, 3%, 80%
XYZ	55.5776, 59.8820, 62.0552
YIQ	202.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

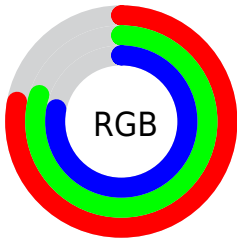
Format	Color
RYB	198, 205, 204
Decimal	13094342
CIELab	81.77, -3.33, 2.76
CIELCh	82, 4.323, 140.384
Yxy	59.8820, 0.3131, 0.3373
Android (android.graphics.Color)	4291284422 (0xFFC7CDC6)
YUV	202.4080, -2.1731, -2.9888
Hunter-Lab	77.3835, -7.2205, 6.6227

Details

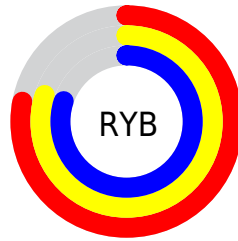
The XYZ color **55.5776, 59.8820, 62.0552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1176, 57.6349, 65.9276**, and the grayscale version is **56.4091, 59.3467, 64.6286**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7777, 30.1666, 30.7442** is the 20% darker color. If you saturate the color by 10%, you get **48.9750, 56.7349, 50.2269**, and if you desaturate by 10%, it is **63.0422, 63.4399, 75.5970**.

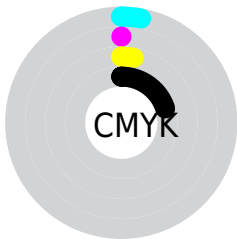
Distribution



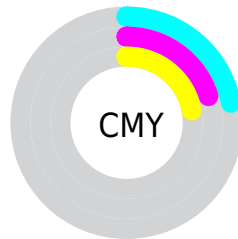
- Red (78%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5776, 59.8820, 62.0552 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 55.5776, 59.8820, 62.0552 by changing the saturation by 10% instead.

■ 55.5776, 59.8820,
62.0552

■ 55.5776, 59.8820,
62.0552

398.1986,
424.1627, 450.1456

■ 40.1000, 43.3235,
44.6412

97.5301, 104.6585,
109.3777

■ 27.8011, 30.1390,
30.8340

124.7358,
133.6453, 140.1233

■ 18.3155, 19.9442,
20.2151

156.5815,
167.5436, 176.1498

■ 11.2778, 12.3545,
12.3659

193.4326,
206.7379, 217.8758

■ 6.3227, 6.9856,
6.8678

235.6546,
251.6126, 265.7199

■ 3.0848, 3.4531,
3.3024

283.6126,

■ 1.1987, 1.3726,

302.5520, 320.1005

1.2510

337.6722,
359.9406, 381.4362

■ 0.1054, 0.1964,
0.0211

■ 0.0000, 0.0000,
0.0000

■ 55.5776, 59.8820,
62.0552

■ 55.5776, 59.8820,
62.0552

■ 48.9750, 56.7349,
50.2269

■ 63.0422, 63.4399,
75.5970

■ 43.1983, 53.9764,
40.0402

■ 71.3931, 67.4146,
90.9127

■ 38.2163, 51.5936,
31.4237

■ 79.9265, 71.5284,
104.2015

■ 33.9939, 49.5702,
24.2992

■ 81.1225, 72.1450,
104.2575

■ 30.4934, 47.8886,
18.5820

■ 27.6737, 46.5295,
14.1789

■ 25.4897, 45.4721,
10.9852

■ 23.8904, 44.6925,
8.8806

■ 22.8166, 44.1635,
7.7197

Harmonies

Analogous

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



56.3082, 59.8820, 60.6119



55.5776, 59.8820, 62.0552



55.2068, 59.8820, 64.3671

Triad

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



55.5776, 59.8820, 62.0552



56.6240, 59.8820, 70.2725



58.5735, 59.8820, 63.4699

Complementary

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



55.5776, 59.8820, 62.0552



56.1176, 57.6349, 65.9276

Split Complementary

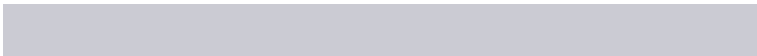
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.6602, 59.8820, 66.0427



55.5776, 59.8820, 62.0552



57.5282, 59.8820, 70.0167

Square

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



55.5776, 59.8820, 62.0552



55.8066, 59.8820, 69.1418



58.2758, 59.8820, 68.4520



58.0401, 59.8820, 61.4135

Rectangle

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



55.5776, 59.8820, 62.0552



55.2108, 59.8820, 66.1095



58.2758, 59.8820, 68.4520



58.6561, 59.8820, 64.3015

Sweetspot

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



55.5793, 59.8846, 62.0565



93.8425, 99.4246, 106.7146



56.9534, 60.2211, 62.0490



20.0989, 21.2870, 22.8644



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.



55.5793, 59.8846, 62.0565



90.3070, 97.7396, 100.3321



55.5999, 59.8623, 63.5455



11.9014, 12.9400, 13.1552



13.9596, 27.3718, 4.5475



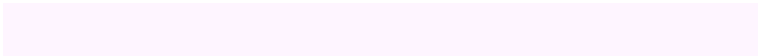
0.7695, 1.4375, 0.2369

Inverse Universe

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



56.1176, 57.6349, 65.9276



91.3481, 93.3887, 107.8190



56.0990, 57.6592, 64.3941



12.0610, 12.2726, 14.3035



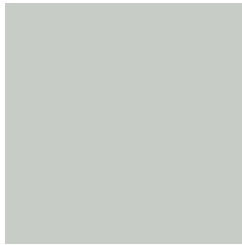
18.0295, 8.5021, 36.6471



0.9743, 0.4614, 1.8926

Previews

White Background



This preview shows how the XYZ color 55.5776, 59.8820, 62.0552 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 55.5776, 59.8820, 62.0552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

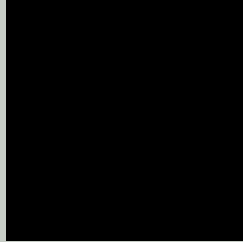
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

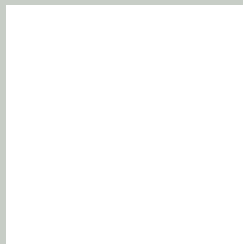
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5776, 59.8820, 62.0552

Background



This preview shows how black text looks on a background with the XYZ color 55.5776, 59.8820, 62.0552.

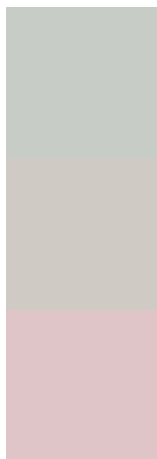


This preview shows how white text looks on a background with the XYZ color 55.5776, 59.8820,

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

55.5776, 59.8820, 62.0552

Protanopia

57.0968, 59.6365, 60.7262

Deuteranopia

61.1320, 59.9499, 62.9931



Tritanopia

58.1325, 59.8596, 74.8198

Trichromacy



Original Color

55.5776, 59.8820, 62.0552

Protanomaly

56.6108, 59.7222, 61.3672

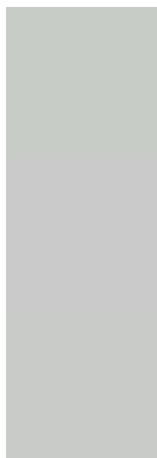
Deuteranomaly

58.9874, 59.8791, 62.4817

Tritanomaly

57.2012, 59.8325, 70.1620

Monochromacy



Original Color

55.5776, 59.8820, 62.0552

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9859, 59.3464, 63.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5776, 59.8820, 62.0552 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(199, 205, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 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(199, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.5776, 59.8820, 62.0552 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(199, 205, 198) }
```


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

```
.border{ border-color:rgb(199, 205, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5776, 59.8820, 62.0552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 198) }
```

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

```
.background{ background-color: rgb(199,  
205, 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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