

Converting Colors

XYZ(55.1763, 58.3988, 61.1867)

Have a look what the booklet for
XYZ(55.1763, 58.3988, 61.1867)
contains.

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Color

**XYZ(55.0521, 58.2220,
61.1597)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9C5
RGB	201, 201, 197
RGB Percent	79%, 79%, 77%
CMY	0.2118, 0.2117, 0.2274
CMYK	0.00, 0.00, 0.02, 0.21
HSL	60°, 4%, 78%
HSV	60°, 2%, 79%
XYZ	55.0521, 58.2220, 61.1597
YIQ	200.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

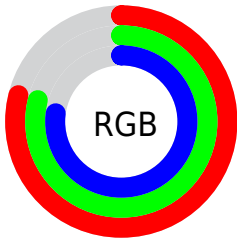
Format	Color
RYB	197, 201, 197
Decimal	13224389
CIELab	80.86, -0.72, 1.99
CIElCh	81, 2.112, 109.957
Yxy	58.2220, 0.3156, 0.3338
Android (android.graphics.Color)	4291414469 (0xFFC9C9C5)
YUV	200.5440, -1.7472, 0.3999
Hunter-Lab	76.3033, -4.7449, 5.8894

Details

The XYZ color **55.0521, 58.2220, 61.1597** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5370, 56.0214, 63.2528**, and the grayscale version is **55.2465, 58.1236, 63.2966**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **27.4243, 29.0537, 30.1491** is the 20% darker color. If you saturate the color by 10%, you get **52.8969, 57.3612, 49.8271**, and if you desaturate by 10%, it is **57.5178, 59.2107, 74.1124**.

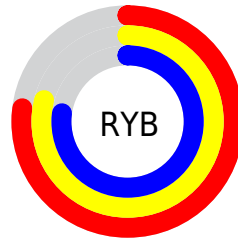
Distribution



Red (79%)

Green (79%)

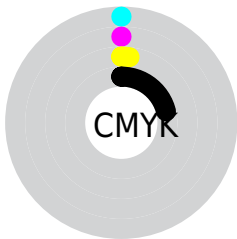
Blue (77%)



Red (77%)

Yellow (79%)

Blue (77%)

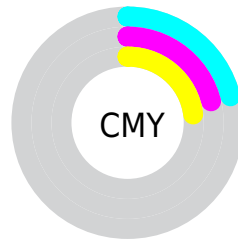


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0521, 58.2220, 61.1597 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 55.0521, 58.2220, 61.1597 by changing the saturation by 10% instead.

■ 55.0521, 58.2220,
61.1597

■ 55.0521, 58.2220,
61.1597

396.2426,
418.0126, 446.7821

■ 39.6774, 41.9871,
43.9227

96.7652, 102.2461,
108.0699

■ 27.4702, 29.0912,
30.2730

123.8343,
130.8041, 138.5802

■ 18.0651, 19.1498,
19.7921

155.5323,
164.2386, 174.3519

■ 11.0967, 11.7786,
12.0614

192.2245,
202.9340, 215.8037

■ 6.1997, 6.5931,
6.6625

234.2762,
247.2747, 263.3541

■ 3.0087, 3.2090,
3.1767

282.0530,

■ 1.1584, 1.2418,

297.6452, 317.4216

1.1855

335.9200,
354.4297, 378.4247

■ 0.0731, 0.0954,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0521, 58.2220,
61.1597

■ 55.0521, 58.2220,
61.1597

■ 52.8969, 57.3612,
49.8271

■ 57.5178, 59.2107,
74.1124

■ 51.0351, 56.6160,
40.0472

■ 60.3004, 60.3242,
88.7414

■ 49.4556, 55.9836,
31.7536

■ 63.0394, 61.4204,
103.1405

■ 48.1445, 55.4587,
24.8735

■ 63.0440, 61.4227,
103.1407

■ 47.0869, 55.0351,
19.3283

■ 63.0486, 61.4251,
103.1410

■ 46.2663, 54.7063,
15.0312

■ 63.0532, 61.4275,
103.1412

■ 45.6644, 54.4651,
11.8857

■ 63.0578, 61.4299,
103.1414

■ 45.2602, 54.3028,
9.7810

■ 63.0624, 61.4322,
103.1416

■ 45.0283, 54.2096,
8.5843

■ 63.0670, 61.4346,
103.1418

Harmonies

Analogous

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



55.4849, 58.2220, 61.0547



55.0521, 58.2220, 61.1597



54.6978, 58.2220, 61.8589

Triad

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



55.0521, 58.2220, 61.1597



54.7997, 58.2220, 65.2532



56.1694, 58.2220, 63.8143

Complementary

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



55.0521, 58.2220, 61.1597



53.5370, 56.0214, 63.2528

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.



55.9837, 58.2220, 64.9540



55.0521, 58.2220, 61.1597



55.1919, 58.2220, 65.7920

Square

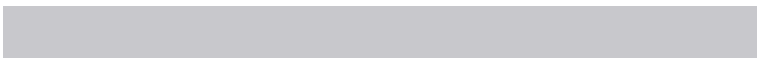
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.0521, 58.2220, 61.1597



54.5526, 58.2220, 64.2184



55.6254, 58.2220, 65.6818



56.1315, 58.2220, 62.5764

Rectangle

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



55.0521, 58.2220, 61.1597



54.5530, 58.2220, 62.5730



55.6254, 58.2220, 65.6818



56.1310, 58.2220, 64.2218

Sweetspot

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



55.0537, 58.2245, 61.1610



94.6413, 99.8364, 106.7520



54.1335, 56.3826, 60.8539



20.2614, 21.3708, 22.8720



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.



55.0537, 58.2245, 61.1610



94.2380, 99.6750, 104.6326



54.5200, 57.9493, 61.1360



11.8785, 12.5589, 13.2203



28.2495, 34.0584, 5.0850



1.3379, 1.6128, 0.2408

Inverse Universe

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



53.5370, 56.0214, 63.2528



91.5946, 95.8354, 108.2783



54.0638, 56.2929, 63.2775



11.5703, 12.1112, 13.6454



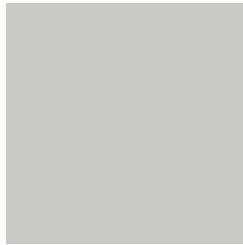
6.6305, 2.6524, 34.9069



0.3143, 0.1257, 1.6529

Previews

White Background



This preview shows how the XYZ color 55.0521, 58.2220, 61.1597 looks on a white background.

Color Contrast Check

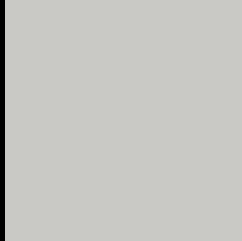
Large Text (above 18pt) WCAG AA × Fail

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 55.0521, 58.2220, 61.1597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

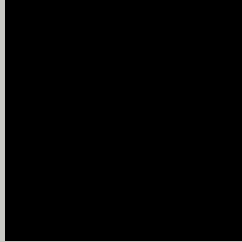
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0521, 58.2220, 61.1597

Background



This preview shows how black text looks on a background with the XYZ color 55.0521, 58.2220, 61.1597.



This preview shows how white text looks on a background with the XYZ color 55.0521, 58.2220,

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

55.0521, 58.2220, 61.1597

Protanopia

55.7949, 58.2732, 60.5317

Deuteranopia

59.3036, 58.0329, 61.5019



Tritanopia

57.2335, 58.0806, 71.8125

Trichromacy



Original Color

55.0521, 58.2220, 61.1597

Protanomaly

55.5199, 58.1314, 60.5188

Deuteranomaly

57.8909, 58.3059, 61.6291

Tritanomaly

56.4372, 58.0974, 67.9139

Monochromacy



Original Color

55.0521, 58.2220, 61.1597

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3994, 58.3609, 62.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0521, 58.2220, 61.1597 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(201, 201, 197) looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 197)  
}
```

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(201, 201, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 197) }
```

Border

The CSS property to change the border of an element to XYZ 55.0521, 58.2220, 61.1597 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(201, 201, 197) }
```


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

```
.border{ border-color:rgb(201, 201, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0521, 58.2220, 61.1597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 197) }
```

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

```
.background{ background-color: rgb(201,  
201, 197) }
```

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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