

Converting Colors

XYZ(55.1719, 54.9284, 82.9090)

Have a look what the booklet for
XYZ(55.1719, 54.9284, 82.9090)
contains.

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Color

**XYZ(55.0911, 55.0596,
82.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C1E6
RGB	192, 193, 230
RGB Percent	75%, 76%, 90%
CMY	0.2471, 0.2431, 0.0980
CMYK	0.17, 0.16, 0.00, 0.10
HSL	238°, 43%, 83%
HSV	238°, 17%, 90%
XYZ	55.0911, 55.0596, 82.5869
YIQ	196.9190, -12.4730, 11.2950

Conversions

Conversions Part 2

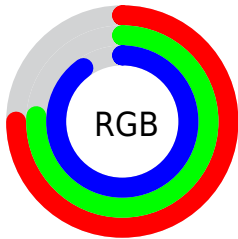
Format	Color
R_{YB}	192, 193, 230
Decimal	12632550
CIE _{Lab}	79.08, 7.08, -18.47
CIE _{LCh}	79, 19.781, 290.965
Yxy	55.0596, 0.2858, 0.2857
Android (android.graphics.Color)	4290822630 (0xFFC0C1E6)
YUV	196.9190, 16.3089, -4.3140
Hunter-Lab	74.2022, 2.6729, -14.0482

Details

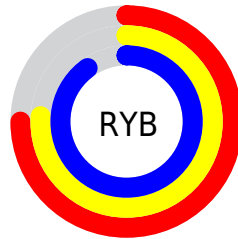
The XYZ color **55.0911, 55.0596, 82.5869** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.1672, 76.6671, 60.9704**, and the grayscale version is **52.9336, 55.6902, 60.6467**.

A 20% lighter version of the original color is **90.9926, 95.1111, 108.1702**, and **27.4993, 27.2154, 43.8481** is the 20% darker color. If you saturate the color by 10%, you get **45.1352, 43.1276, 80.8094**, and if you desaturate by 10%, it is **66.7099, 68.9644, 84.6593**.

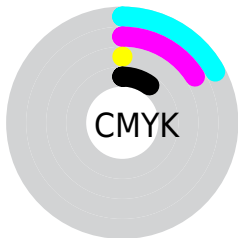
Distribution



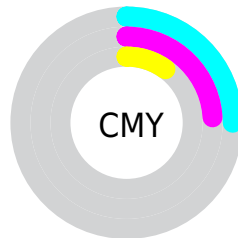
- Red (75%)
- Green (76%)
- Blue (90%)



- Red (75%)
- Yellow (76%)
- Blue (90%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0911, 55.0596, 82.5869 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 55.0911, 55.0596, 82.5869 by changing the saturation by 10% instead.

■ 55.0911, 55.0596,
82.5869

■ 55.0911, 55.0596,
82.5869

396.3880,
406.1378, 523.5436

■ 39.7088, 39.4494,
61.3108

□ 96.8220, 97.6283,
138.8408

■ 27.4948, 27.1095,
44.0438

123.9012,
125.3556, 174.6556

■ 18.0837, 17.6555,
30.3675

155.6102,
157.8907, 216.1538

■ 11.1101, 10.7029,
19.8633

192.3142,
195.6181, 263.7539

■ 6.2088, 5.8675,
12.1126

234.3787,
238.9221, 317.8744

■ 3.0143, 2.7647,
6.6970

282.1688,

■ 1.1613, 1.0101,

288.1871, 378.9338

3.1978

336.0502,
343.7976, 447.3507

■ 0.0755, 0.0000,
1.1965

■ 0.0000, 0.0000,
0.0000

■ 55.0911, 55.0596,
82.5869

■ 55.0911, 55.0596,
82.5869

■ 45.1352, 43.1276,
80.8094

■ 66.7099, 68.9644,
84.6593

■ 36.7616, 33.0726,
79.3099

■ 80.0576, 84.9184,
87.0352

■ 29.8901, 24.8011,
78.0755

■ 91.2831, 98.4932,
89.0638

■ 24.4320, 18.2091,
77.0908

■ 20.2890, 13.1815,
76.3388

■ 17.3502, 9.5890,
75.8002

■ 15.4867, 7.2815,
75.4531

■ 14.5384, 6.0751,
75.2702

■ 14.3490, 5.8450,
75.2357

Harmonies

Analogous

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



51.1514, 55.0596, 84.0408



55.0911, 55.0596, 82.5869



58.4425, 55.0596, 74.6845

Triad

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



55.0911, 55.0596, 82.5869



57.2518, 55.0596, 44.6229



45.1994, 55.0596, 56.6065

Complementary

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



55.0911, 55.0596, 82.5869



70.1672, 76.6671, 60.9704

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.



46.6639, 55.0596, 47.2943



55.0911, 55.0596, 82.5869



53.5316, 55.0596, 40.9692

Square

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



55.0911, 55.0596, 82.5869



59.7328, 55.0596, 52.5155



49.6676, 55.0596, 41.8818



45.5701, 55.0596, 68.0562

Rectangle

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



55.0911, 55.0596, 82.5869



59.8283, 55.0596, 67.3113



49.6676, 55.0596, 41.8818



45.4905, 55.0596, 53.1470

Sweetspot

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



55.0928, 55.0619, 82.5881



86.6808, 89.9954, 107.4100



64.1417, 73.4434, 84.7300



18.3111, 18.9731, 22.9470



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.



55.0928, 55.0619, 82.5881



64.8659, 63.8854, 103.5201



59.6361, 57.0762, 82.7375



13.6132, 13.9477, 18.1190



8.1373, 3.3367, 42.5983



0.6121, 0.2682, 3.1515

Inverse Universe

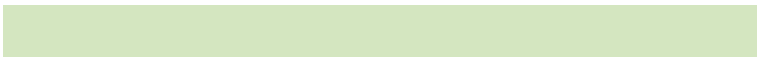
The Inverse Universe completely reimagines the original color for something new.



61.1098, 58.3738, 58.5011



73.8941, 68.8702, 67.3751



65.0406, 74.4371, 60.8102



14.3923, 14.3741, 15.0004



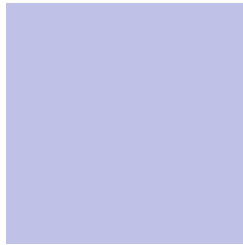
18.5008, 9.5346, 1.0005



1.3726, 0.7068, 0.1027

Previews

White Background



This preview shows how the XYZ color 55.0911, 55.0596, 82.5869 looks on a white background.

Color Contrast Check

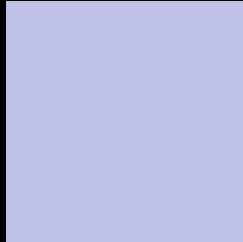
Large Text (above 18pt) WCAG AA × Fail

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 55.0911, 55.0596, 82.5869 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 55.0911, 55.0596, 82.5869

Background



This preview shows how black text looks on a background with the XYZ color 55.0911, 55.0596, 82.5869.



This preview shows how white text looks on a background with the XYZ color 55.0911, 55.0596,

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

55.0911, 55.0596, 82.5869

Protanopia

54.4546, 55.0445, 83.3559

Deuteranopia

56.2024, 54.9805, 82.5130



Tritanopia

52.6099, 55.0521, 70.1406

Trichromacy



Original Color

55.0911, 55.0596, 82.5869

Protanomaly

54.7019, 55.1719, 83.3675

Deuteranomaly

55.8975, 55.1482, 82.5615

Tritanomaly

53.5365, 55.0918, 74.8299

Monochromacy



Original Color

55.0911, 55.0596, 82.5869

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7542, 55.6854, 68.2368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0911, 55.0596, 82.5869 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(192, 193, 230)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 230)  
}
```

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(192, 193, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 230) }
```

Border

The CSS property to change the border of an element to XYZ 55.0911, 55.0596, 82.5869 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(192, 193, 230) }
```


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

```
.border{ border-color:rgb(192, 193, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 193, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 230);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0911, 55.0596, 82.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 230) }
```

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

```
.background{ background-color: rgb(192,  
193, 230) }
```

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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