

Converting Colors

XYZ(52.5010, 55.9064, 75.0417)

Have a look what the booklet for
XYZ(52.5010, 55.9064, 75.0417)
contains.

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Color

**XYZ(52.5010, 55.9064,
75.0417)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C7DB
RGB	182, 199, 219
RGB Percent	71%, 78%, 86%
CMY	0.2863, 0.2196, 0.1412
CMYK	0.17, 0.09, 0.00, 0.14
HSL	212°, 34%, 79%
HSV	212°, 17%, 86%
XYZ	52.5010, 55.9064, 75.0417
YIQ	196.1970, -16.5520, 2.6160

Conversions

Conversions Part 2

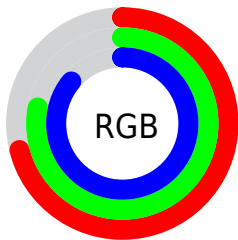
Format	Color
RYB	182, 194, 219
Decimal	11978715
CIELab	79.56, -1.65, -11.90
CIElCh	80, 12.017, 262.104
Yxy	55.9064, 0.2862, 0.3048
Android (android.graphics.Color)	4290168795 (0xFFB6C7DB)
YUV	196.1970, 11.2419, -12.4508
Hunter-Lab	74.7706, -5.5127, -7.1656

Details

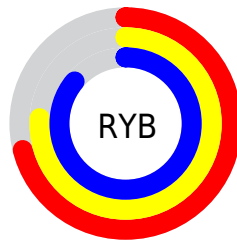
The XYZ color **52.5010, 55.9064, 75.0417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7778, 60.6784, 52.8713**, and the grayscale version is **52.5307, 55.2663, 60.1850**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.8795, 27.5983, 39.0850** is the 20% darker color. If you saturate the color by 10%, you get **45.1099, 48.2106, 73.9467**, and if you desaturate by 10%, it is **60.9161, 64.4475, 76.2477**.

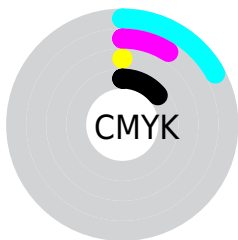
Distribution



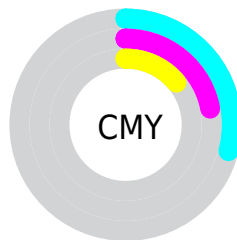
- Red (71%)
- Green (78%)
- Blue (86%)



- Red (71%)
- Yellow (76%)
- Blue (86%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5010, 55.9064, 75.0417 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 52.5010, 55.9064, 75.0417 by changing the saturation by 10% instead.

■ 52.5010, 55.9064,
75.0417

■ 52.5010, 55.9064,
75.0417

386.6600,
409.3387, 497.3201

■ 37.6304, 40.1279,
55.1451

■ 93.0395, 98.8677,
128.1190

■ 25.8719, 27.6383,
39.1185

119.4383,
126.8193, 162.1369

■ 16.8600, 18.0532,
26.5434

150.4104,
159.5974, 201.6988

■ 10.2294, 10.9882,
17.0012

186.3213,
197.5863, 247.2235

■ 5.6148, 6.0589,
10.0734

227.5364,
241.1705, 299.1295

■ 2.6507, 2.8809,
5.3414

274.4209,

■ 0.9719, 1.0699,

290.7344, 357.8352

2.3867

327.3404,
346.6623, 423.7592

■ 0.0000, 0.0000,
0.7792

■ 0.0000, 0.0000,
0.0000

■ 52.5010, 55.9064,
75.0417

■ 52.5010, 55.9064,
75.0417

■ 45.1099, 48.2106,
73.9467

■ 60.9161, 64.4475,
76.2477

■ 38.6956, 41.3242,
72.9556

■ 70.3899, 73.8543,
77.5640

■ 33.2143, 35.2188,
72.0660

■ 80.9616, 84.1551,
78.9951

■ 28.6167, 29.8613,
71.2742

■ 87.0886, 92.4991,
80.2827

■ 24.8485, 25.2159,
70.5762

■ 89.7863, 97.8945,
81.1820

■ 21.8489, 21.2427,
69.9674

■ 19.5473, 17.8967,
69.4428

■ 17.8534, 15.1222,
68.9966

■ 17.4049, 14.3516,
68.8715

Harmonies

Analogous

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



50.3316, 55.9064, 71.9997



52.5010, 55.9064, 75.0417



54.9066, 55.9064, 74.0657

Triad

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



52.5010, 55.9064, 75.0417



57.5638, 55.9064, 55.9970



49.5512, 55.9064, 53.0524

Complementary

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



52.5010, 55.9064, 75.0417



58.7778, 60.6784, 52.8713

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.



51.4065, 55.9064, 49.3473



52.5010, 55.9064, 75.0417



56.0455, 55.9064, 50.9553

Square

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



52.5010, 55.9064, 75.0417



57.8784, 55.9064, 62.7208



53.7788, 55.9064, 48.6097



48.6626, 55.9064, 59.0610

Rectangle

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



52.5010, 55.9064, 75.0417



56.3169, 55.9064, 71.2990



53.7788, 55.9064, 48.6097



50.0798, 55.9064, 51.5156

Sweetspot

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



52.5027, 55.9087, 75.0430



88.3547, 93.3434, 107.9680



55.2531, 64.8608, 65.3200



18.7168, 19.7845, 23.0823



0.0000, 0.0000, 0.0000



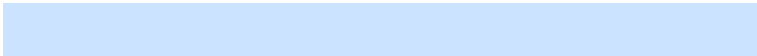
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5027, 55.9087, 75.0430



70.5403, 75.2343, 105.4115



49.0992, 48.6675, 73.8246



12.8292, 13.5982, 16.6007



10.4270, 8.7235, 40.8726



0.7610, 0.7362, 2.6764

Inverse Universe

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



56.2515, 52.6408, 61.2313



76.7583, 70.0159, 82.4577



62.6196, 68.9108, 54.2579



13.3037, 13.1506, 14.8604



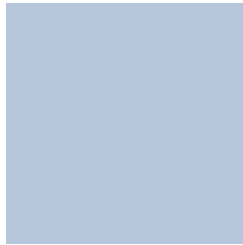
18.7584, 9.5044, 8.3738



1.2584, 0.6330, 0.7698

Previews

White Background



This preview shows how the XYZ color 52.5010, 55.9064, 75.0417 looks on a white background.

Color Contrast Check

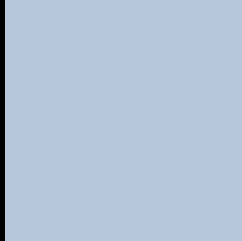
Large Text (above 18pt) WCAG AA × Fail

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 52.5010, 55.9064, 75.0417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

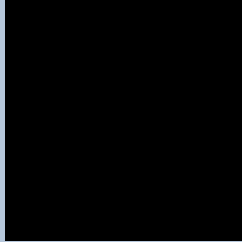
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

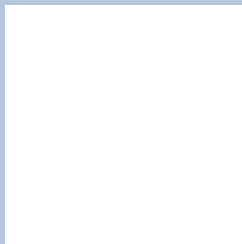
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5010, 55.9064, 75.0417

Background



This preview shows how black text looks on a background with the XYZ color 52.5010, 55.9064, 75.0417.



This preview shows how white text looks on a background with the XYZ color 52.5010, 55.9064,

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

52.5010, 55.9064, 75.0417

Protanopia

54.7700, 56.0917, 73.5857

Deuteranopia

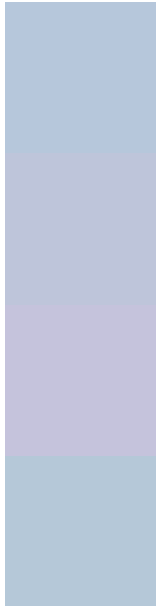
56.9447, 55.8457, 75.4881



Tritanopia

51.9761, 56.0386, 72.3671

Trichromacy



Original Color

52.5010, 55.9064, 75.0417

Protanomaly

53.8563, 55.9416, 74.2889

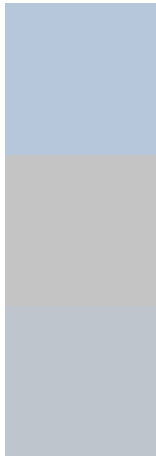
Deuteranomaly

55.4593, 56.0678, 75.6093

Tritanomaly

52.1050, 56.0902, 73.0460

Monochromacy



Original Color

52.5010, 55.9064, 75.0417

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3512, 55.3685, 65.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5010, 55.9064, 75.0417 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(182, 199, 219)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 219)  
}
```

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(182, 199, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 219) }
```

Border

The CSS property to change the border of an element to XYZ 52.5010, 55.9064, 75.0417 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(182, 199, 219) }
```


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

```
.border{ border-color:rgb(182, 199, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 219);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5010, 55.9064, 75.0417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 219) }
```

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

```
.background{ background-color: rgb(182,  
199, 219) }
```

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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