

Converting Colors

XYZ(55.3429, 59.4724, 77.3958)

Have a look what the booklet for
XYZ(55.3429, 59.4724, 77.3958)
contains.

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Color

**XYZ(55.2658, 59.3757,
77.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	BACDDE
RGB	186, 205, 222
RGB Percent	73%, 80%, 87%
CMY	0.2706, 0.1961, 0.1294
CMYK	0.16, 0.08, 0.00, 0.13
HSL	208°, 35%, 80%
HSV	208°, 16%, 87%
XYZ	55.2658, 59.3757, 77.6551
YIQ	201.2570, -16.7810, 1.2590

Conversions

Conversions Part 2

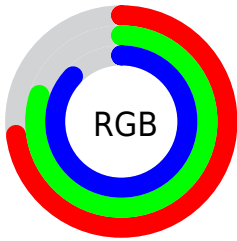
Format	Color
R _Y B	186, 198, 222
Decimal	12242398
CIE Lab	81.50, -2.92, -10.59
CIE LCh	81, 10.986, 254.575
Yxy	59.3757, 0.2874, 0.3088
Android (android.graphics.Color)	4290432478 (0xFFBACDDE)
YUV	201.2570, 10.2263, -13.3804
Hunter-Lab	77.0556, -6.8237, -5.8123

Details

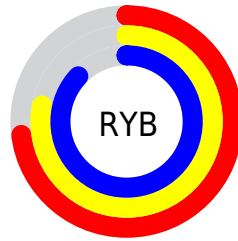
The XYZ color **55.2658, 59.3757, 77.6551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3434, 61.7863, 55.2009**, and the grayscale version is **55.6242, 58.5209, 63.7293**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **27.7145, 29.9098, 40.8717** is the 20% darker color. If you saturate the color by 10%, you get **47.8623, 51.9622, 76.6153**, and if you desaturate by 10%, it is **63.6787, 67.5620, 78.7928**.

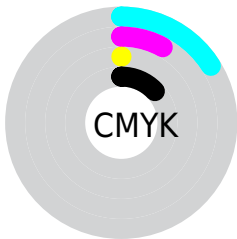
Distribution



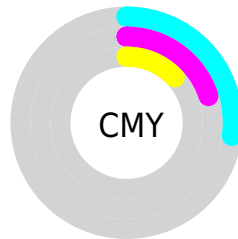
- Red (73%)
- Green (80%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2658, 59.3757, 77.6551 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 55.2658, 59.3757, 77.6551 by changing the saturation by 10% instead.

■ 55.2658, 59.3757,
77.6551

■ 55.2658, 59.3757,
77.6551

397.0387,
422.2928, 506.4916

■ 39.8493, 42.9156,
57.2759

■ 97.0763, 103.9235,
131.8453

■ 27.6047, 29.8189,
40.8160

124.2010,
132.7800, 166.4933

■ 18.1668, 19.7012,
27.8567

155.9592,
166.5375, 206.7348

■ 11.1702, 12.1780,
17.9796

192.7161,
205.5803, 252.9881

■ 6.2496, 6.8650,
10.7660

234.8372,
250.2928, 305.6719

■ 3.0395, 3.3778,
5.7975

282.6877,

■ 1.1747, 1.3320,

301.0595, 365.2048

2.6556

336.6331,
358.2647, 432.0051

■ 0.0863, 0.1658,
0.9209

■ 0.0000, 0.0000,
0.0000

■ 55.2658, 59.3757,
77.6551

■ 55.2658, 59.3757,
77.6551

■ 47.8623, 51.9622,
76.6153

■ 63.6787, 67.5620,
78.7928

■ 41.4212, 45.2878,
75.6665

■ 73.1349, 76.5388,
80.0271

■ 35.8991, 39.3267,
74.8069

■ 83.6734, 86.3321,
81.3619

■ 31.2473, 34.0486,
74.0333

■ 87.6646, 93.0133,
82.4412

■ 27.4120, 29.4205,
73.3422

■ 90.1850, 98.0540,
83.2813

■ 24.3329, 25.4057,
72.7295

■ 21.9398, 21.9624,
72.1910

■ 20.1460, 19.0399,
71.7215

■ 19.5679, 18.0398,
71.5589

Harmonies

Analogous

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



53.3404, 59.3757, 73.9607



55.2658, 59.3757, 77.6551



57.5560, 59.3757, 77.7101

Triad

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



55.2658, 59.3757, 77.6551



60.8276, 59.3757, 61.5124



53.3851, 59.3757, 56.0346

Complementary

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



55.2658, 59.3757, 77.6551



60.3434, 61.7863, 55.2009

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.



55.3283, 59.3757, 53.1419



55.2658, 59.3757, 77.6551



59.6466, 59.3757, 56.1555

Square

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



55.2658, 59.3757, 77.6551



60.8098, 59.3757, 68.0804



57.6202, 59.3757, 53.1846



52.2749, 59.3757, 61.3369

Rectangle

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



55.2658, 59.3757, 77.6551



58.9840, 59.3757, 75.6586



57.6202, 59.3757, 53.1846



53.9602, 59.3757, 54.7647

Sweetspot

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



55.2676, 59.3782, 77.6564



88.6234, 93.8806, 108.0576



57.1277, 66.9850, 66.2945



18.7820, 19.9150, 23.1040



0.0000, 0.0000, 0.0000



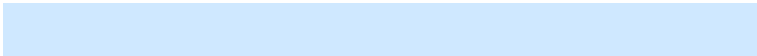
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2676, 59.3782, 77.6564



72.5483, 78.2042, 105.8789



51.2483, 51.3397, 76.3167



13.5479, 14.4349, 17.4599



11.7351, 10.9397, 42.5414



0.9029, 0.9372, 2.9786

Inverse Universe

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



58.7039, 55.0564, 65.2934



78.0272, 71.5012, 86.1255



64.7918, 70.6832, 56.6837



14.0080, 13.8208, 15.8124



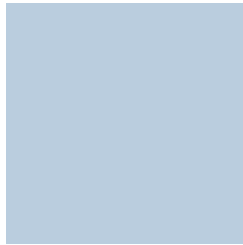
19.8635, 10.0124, 11.2130



1.4220, 0.7121, 1.0150

Previews

White Background



This preview shows how the XYZ color 55.2658, 59.3757, 77.6551 looks on a white background.

Color Contrast Check

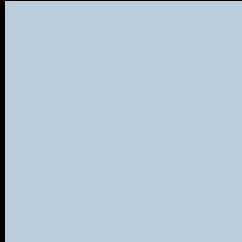
Large Text (above 18pt) WCAG AA × Fail

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 55.2658, 59.3757, 77.6551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

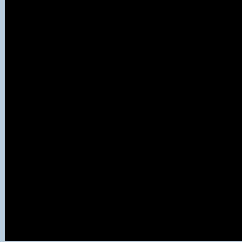
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

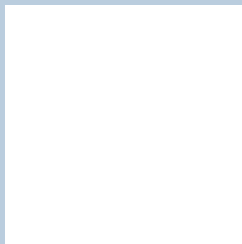
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2658, 59.3757, 77.6551

Background



This preview shows how black text looks on a background with the XYZ color 55.2658, 59.3757, 77.6551.



This preview shows how white text looks on a background with the XYZ color 55.2658, 59.3757,

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

55.2658, 59.3757, 77.6551

Protanopia

57.7602, 59.3053, 75.4206

Deuteranopia

60.5722, 59.3114, 78.7768



Tritanopia

55.1322, 59.3222, 76.9512

Trichromacy



Original Color

55.2658, 59.3757, 77.6551

Protanomaly

56.8037, 59.1441, 76.1322

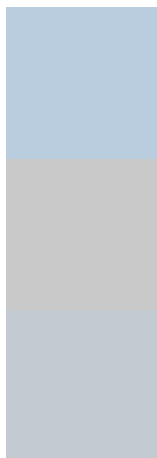
Deuteranomaly

58.6022, 59.3328, 78.1757

Tritanomaly

55.1322, 59.3222, 76.9512

Monochromacy



Original Color

55.2658, 59.3757, 77.6551

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3941, 58.5803, 68.7091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2658, 59.3757, 77.6551 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(186, 205, 222) looks like.

```
.text, #text, p{  
    color:rgb(186, 205, 222)  
}
```

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(186, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.2658, 59.3757, 77.6551 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(186, 205, 222) }
```


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

```
.border{ border-color:rgb(186, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 205, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 205, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 205,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2658, 59.3757, 77.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 205, 222) }
```

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

```
.background{ background-color: rgb(186,  
205, 222) }
```

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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