

Converting Colors

XYZ(55.0610, 59.0354, 77.6008)

Have a look what the booklet for
XYZ(55.0610, 59.0354, 77.6008)
contains.

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Color

**XYZ(55.0274, 58.8988,
77.5756)**

Conversions

Conversions Part 1

Format	Color
Hex	BACCDE
RGB	186, 204, 222
RGB Percent	73%, 80%, 87%
CMY	0.2706, 0.2000, 0.1294
CMYK	0.16, 0.08, 0.00, 0.13
HSL	210°, 35%, 80%
HSV	210°, 16%, 87%
XYZ	55.0274, 58.8988, 77.5756
YIQ	200.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

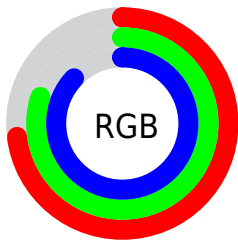
Format	Color
RYB	186, 198, 222
Decimal	12242142
CIELab	81.24, -2.39, -10.98
CIELCh	81, 11.239, 257.697
Yxy	58.8988, 0.2873, 0.3076
Android (android.graphics.Color)	4290432222 (0xFFBACCDE)
YUV	200.6700, 10.5157, -12.8656
Hunter-Lab	76.7456, -6.3183, -6.2094

Details

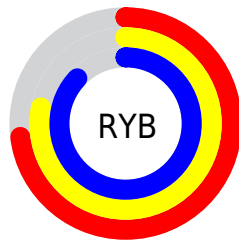
The XYZ color **55.0274, 58.8988, 77.5756** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5804, 62.2604, 55.2801**, and the grayscale version is **55.2589, 58.1366, 63.3108**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **27.5543, 29.5893, 40.8182** is the 20% darker color. If you saturate the color by 10%, you get **47.5032, 51.2439, 76.4956**, and if you desaturate by 10%, it is **63.5810, 67.3665, 78.7602**.

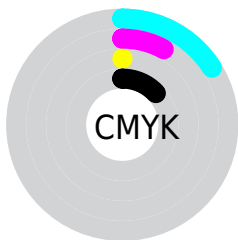
Distribution



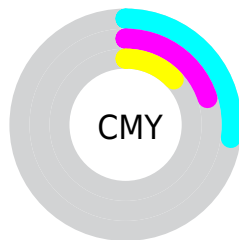
- Red (73%)
- Green (80%)
- Blue (87%)



- 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 55.0274, 58.8988, 77.5756 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 55.0274, 58.8988, 77.5756 by changing the saturation by 10% instead.

■ 55.0274, 58.8988,
77.5756

■ 55.0274, 58.8988,
77.5756

396.1505,
420.5268, 506.2140

■ 39.6576, 42.5317,
57.2110

■ 96.7292, 103.2306,
131.7321

■ 27.4547, 29.5178,
40.7642

123.7919,
131.9640, 166.3611

■ 18.0534, 19.4729,
27.8166

155.4829,
165.5883, 206.5820

■ 11.0882, 12.0125,
17.9496

192.1676,
204.4878, 252.8134

■ 6.1939, 6.7522,
10.7447

234.2114,
249.0471, 305.4737

■ 3.0051, 3.3076,
5.7835

281.9795,

■ 1.1565, 1.2944,

299.6504, 364.9816

2.6472

335.8375,
356.6822, 431.7555

■ 0.0716, 0.1368,
0.9167

■ 0.0000, 0.0000,
0.0000

■ 55.0274, 58.8988,
77.5756

■ 55.0274, 58.8988,
77.5756

■ 47.5032, 51.2439,
76.4956

■ 63.5810, 67.3665,
78.7602

■ 40.9607, 44.3668,
75.5130

■ 73.1986, 76.6659,
80.0482

■ 35.3561, 38.2405,
74.6259

■ 83.9195, 86.8242,
81.4439

■ 30.6397, 32.8334,
73.8308

■ 88.1149, 93.9138,
82.5912

■ 26.7572, 28.1109,
73.1239

■ 90.1850, 98.0540,
83.2812

■ 23.6474, 24.0348,
72.5010

■ 21.2394, 20.5617,
71.9576

■ 19.4457, 17.6393,
71.4880

■ 18.8713, 16.6467,
71.3267

Harmonies

Analogous

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



53.0048, 58.8988, 74.1506



55.0274, 58.8988, 77.5756



57.3617, 58.8988, 77.2195

Triad

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



55.0274, 58.8988, 77.5756



60.3824, 58.8988, 60.2895



52.7164, 58.8988, 55.8358

Complementary

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



55.0274, 58.8988, 77.5756



60.5804, 62.2604, 55.2801

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.



54.6237, 58.8988, 52.6115



55.0274, 58.8988, 77.5756



59.0677, 58.8988, 55.0569

Square

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



55.0274, 58.8988, 77.5756



60.4979, 58.8988, 66.9185



56.9467, 58.8988, 52.3367



51.6958, 58.8988, 61.4216

Rectangle

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



55.0274, 58.8988, 77.5756



58.7808, 58.8988, 74.8870



56.9467, 58.8988, 52.3367



53.2726, 58.8988, 54.4572

Sweetspot

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



55.0292, 58.9012, 77.5769



88.5140, 93.6619, 108.0211



57.1993, 67.0136, 66.6715



18.7554, 19.8618, 23.0952



0.0000, 0.0000, 0.0000



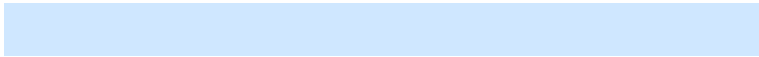
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0292, 58.9012, 77.5769



72.1706, 77.4487, 105.7530



51.1213, 51.0854, 76.2743



13.5155, 14.3701, 17.4491



11.3203, 10.1101, 42.4032



0.8742, 0.8799, 2.9690

Inverse Universe

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



58.5836, 55.0084, 64.6595



77.8365, 71.4249, 85.1215



64.9503, 71.0002, 56.7367



13.9917, 13.8143, 15.7263



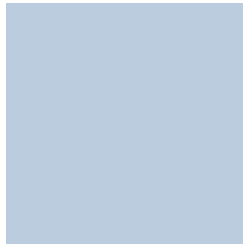
19.6542, 9.9287, 10.1105



1.4075, 0.7063, 0.9388

Previews

White Background



This preview shows how the XYZ color 55.0274, 58.8988, 77.5756 looks on a white background.

Color Contrast Check

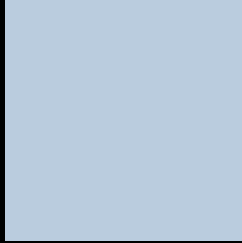
Large Text (above 18pt) WCAG AA × Fail

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 55.0274, 58.8988, 77.5756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

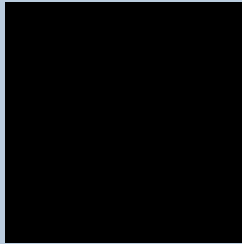
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

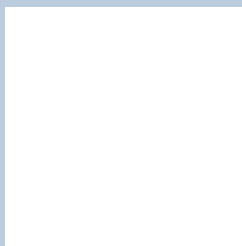
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0274, 58.8988, 77.5756

Background



This preview shows how black text looks on a background with the XYZ color 55.0274, 58.8988, 77.5756.



This preview shows how white text looks on a background with the XYZ color 55.0274, 58.8988,

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

55.0274, 58.8988, 77.5756

Protanopia

57.3920, 58.7552, 76.0262

Deuteranopia

60.0584, 58.7106, 78.6879



Tritanopia

54.7608, 58.7921, 76.1720

Trichromacy



Original Color

55.0274, 58.8988, 77.5756

Protanomaly

56.4435, 58.5958, 76.7419

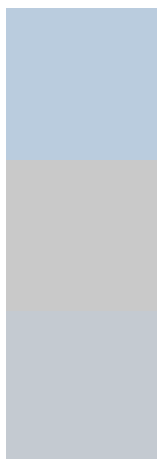
Deuteranomaly

58.0998, 58.7311, 78.0861

Tritanomaly

54.8937, 58.8453, 76.8717

Monochromacy



Original Color

55.0274, 58.8988, 77.5756

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 55.0274, 58.8988, 77.5756 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, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 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, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.0274, 58.8988, 77.5756 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, 204, 222) }
```


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

```
.border{ border-color:rgb(186, 204, 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, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 204,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0274, 58.8988, 77.5756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 222) }
```

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

```
.background{ background-color: rgb(186,  
204, 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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