

Converting Colors

XYZ(54.7676, 58.8450, 77.2292)

Have a look what the booklet for
XYZ(54.7676, 58.8450, 77.2292)
contains.

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Color

**XYZ(54.7853, 58.7739,
77.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CCDE
RGB	185, 204, 222
RGB Percent	73%, 80%, 87%
CMY	0.2745, 0.2000, 0.1294
CMYK	0.17, 0.08, 0.00, 0.13
HSL	209°, 36%, 80%
HSV	209°, 17%, 87%
XYZ	54.7853, 58.7739, 77.5643
YIQ	200.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

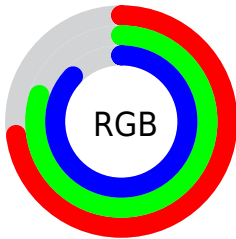
Format	Color
RYB	185, 198, 222
Decimal	12176606
CIELab	81.17, -2.71, -11.09
CIELCh	81, 11.417, 256.267
Yxy	58.7739, 0.2866, 0.3075
Android (android.graphics.Color)	4290366686 (0xFFB9CCDE)
YUV	200.3710, 10.6631, -13.4804
Hunter-Lab	76.6641, -6.6036, -6.3213

Details

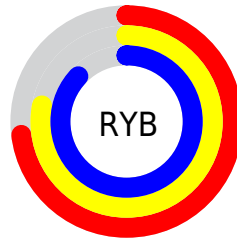
The XYZ color **54.7853, 58.7739, 77.5643** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2377, 61.7444, 54.6433**, and the grayscale version is **55.0736, 57.9418, 63.0986**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **27.3971, 29.5082, 40.8109** is the 20% darker color. If you saturate the color by 10%, you get **47.3642, 51.2705, 76.5081**, and if you desaturate by 10%, it is **63.2241, 67.0692, 78.7216**.

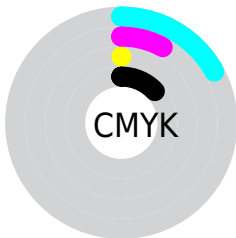
Distribution



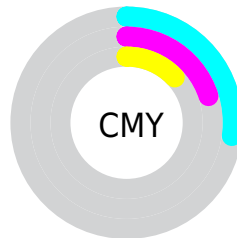
- Red (73%)
- Green (80%)
- Blue (87%)



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



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7853, 58.7739, 77.5643 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 54.7853, 58.7739, 77.5643 by changing the saturation by 10% instead.

■ 54.7853, 58.7739,
77.5643

■ 54.7853, 58.7739,
77.5643

395.2472,
420.0635, 506.1745

■ 39.4630, 42.4311,
57.2018

■ 96.3765, 103.0490,
131.7160

■ 27.3025, 29.4390,
40.7568

123.3761,
131.7501, 166.3423

■ 17.9383, 19.4132,
27.8109

154.9988,
165.3394, 206.5603

■ 11.0051, 11.9692,
17.9453

191.6101,
204.2014, 252.7885

■ 6.1376, 6.7227,
10.7417

233.5752,
248.7204, 305.4455

■ 2.9704, 3.2893,
5.7815

281.2595,

■ 1.1381, 1.2846,

299.2808, 364.9498

2.6460

335.0284,
356.2671, 431.7200

■ 0.0566, 0.1292,
0.9161

■ 0.0000, 0.0000,
0.0000

■ 54.7853, 58.7739,
77.5643

■ 54.7853, 58.7739,
77.5643

■ 47.3642, 51.2705,
76.5081

■ 63.2241, 67.0692,
78.7216

■ 40.9134, 44.5247,
75.5460

■ 72.7149, 76.1746,
79.9789

■ 35.3890, 38.5098,
74.6762

■ 83.2971, 86.1171,
81.3403

■ 30.7417, 33.1949,
73.8952

■ 87.7467, 93.1773,
82.4685

■ 26.9172, 28.5460,
73.1995

■ 90.1850, 98.0540,
83.2813

■ 23.8543, 24.5255,
72.5849

■ 21.4820, 21.0904,
72.0469

■ 19.7108, 18.1880,
71.5800

■ 19.2039, 17.3119,
71.4376

Harmonies

Analogous

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



52.7638, 58.7739, 73.9217



54.7853, 58.7739, 77.5643



57.1523, 58.7739, 77.3942

Triad

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



54.7853, 58.7739, 77.5643



60.3641, 58.7739, 60.3994



52.6264, 58.7739, 55.3695

Complementary

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



54.7853, 58.7739, 77.5643



60.2377, 61.7444, 54.6433

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.



54.5929, 58.7739, 52.2387



54.7853, 58.7739, 77.5643



59.0809, 58.7739, 54.9989

Square

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



54.7853, 58.7739, 77.5643



60.4192, 58.7739, 67.1513



56.9544, 58.7739, 52.1080



51.5415, 58.7739, 60.9387

Rectangle

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



54.7853, 58.7739, 77.5643



58.6091, 58.7739, 75.1339



56.9544, 58.7739, 52.1080



53.2037, 58.7739, 54.0149

Sweetspot

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



54.7871, 58.7763, 77.5656



88.5671, 93.7681, 108.0388



56.8957, 66.8642, 66.3356



18.7683, 19.8877, 23.0995



0.0000, 0.0000, 0.0000



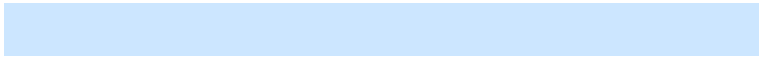
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7871, 58.7763, 77.5656



71.3022, 76.7581, 105.6655



50.6720, 50.5461, 76.1939



13.5312, 14.4016, 17.4543



11.5184, 10.5064, 42.4692



0.8880, 0.9074, 2.9736

Inverse Universe

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



58.3737, 54.5886, 64.5894



77.1428, 70.1697, 84.4828



64.8400, 70.9490, 56.1774



13.9996, 13.8175, 15.7681



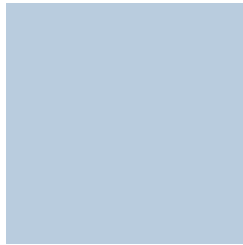
19.7542, 9.9687, 10.6372



1.4145, 0.7091, 0.9754

Previews

White Background



This preview shows how the XYZ color 54.7853, 58.7739, 77.5643 looks on a white background.

Color Contrast Check

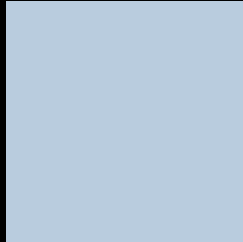
Large Text (above 18pt) WCAG AA × Fail

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 54.7853, 58.7739, 77.5643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

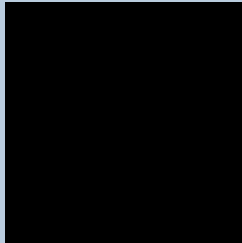
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

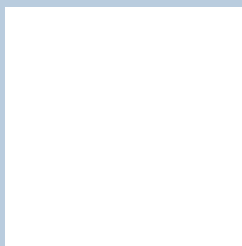
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7853, 58.7739, 77.5643

Background



This preview shows how black text looks on a background with the XYZ color 54.7853, 58.7739, 77.5643.



This preview shows how white text looks on a background with the XYZ color 54.7853, 58.7739,

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

54.7853, 58.7739, 77.5643

Protanopia

57.2599, 58.7024, 75.3306

Deuteranopia

60.0584, 58.7106, 78.6879



Tritanopia

54.5187, 58.6673, 76.1606

Trichromacy



Original Color

54.7853, 58.7739, 77.5643

Protanomaly

56.3106, 58.5427, 76.0421

Deuteranomaly

58.0998, 58.7311, 78.0861

Tritanomaly

54.6516, 58.7205, 76.8604

Monochromacy



Original Color

54.7853, 58.7739, 77.5643

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7775, 57.9295, 67.9689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7853, 58.7739, 77.5643 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(185, 204, 222) looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 222) }
```

Border

The CSS property to change the border of an element to XYZ 54.7853, 58.7739, 77.5643 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(185, 204, 222) }
```


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

```
.border{ border-color:rgb(185, 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(185, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(185, 204,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7853, 58.7739, 77.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 222) }
```

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

```
.background{ background-color: rgb(185,  
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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