

Converting Colors

XYZ(52.0653, 55.2986, 77.0375)

Have a look what the booklet for
XYZ(52.0653, 55.2986, 77.0375)
contains.

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Color

**XYZ(51.9693, 55.2458,
77.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C6DE
RGB	179, 198, 222
RGB Percent	70%, 78%, 87%
CMY	0.2980, 0.2235, 0.1294
CMYK	0.19, 0.11, 0.00, 0.13
HSL	213°, 39%, 79%
HSV	213°, 19%, 87%
XYZ	51.9693, 55.2458, 77.0317
YIQ	195.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

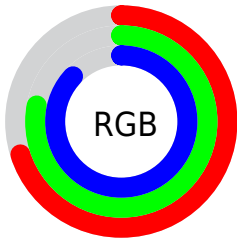
Format	Color
R _Y B	179, 192, 222
Decimal	11781854
CIE Lab	79.18, -1.41, -14.10
CIE LCh	79, 14.173, 264.284
Yxy	55.2458, 0.2821, 0.2998
Android (android.graphics.Color)	4289971934 (0xFFB3C6DE)
YUV	195.0550, 13.2839, -14.0802
Hunter-Lab	74.3275, -5.2672, -9.4178

Details

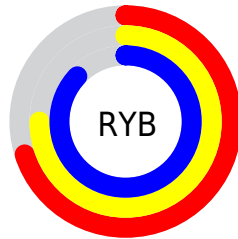
The XYZ color **51.9693, 55.2458, 77.0317** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6173, 61.4962, 51.3768**, and the grayscale version is **51.8374, 54.5369, 59.3907**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **25.5525, 27.1722, 40.4572** is the 20% darker color. If you saturate the color by 10%, you get **44.5289, 47.3779, 75.9061**, and if you desaturate by 10%, it is **60.4708, 64.0074, 78.2757**.

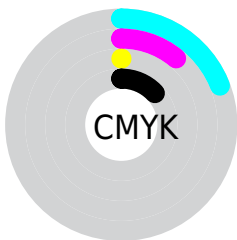
Distribution



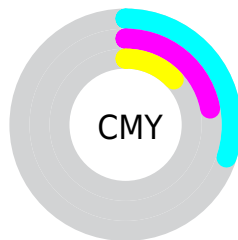
- Red (70%)
- Green (78%)
- Blue (87%)



- Red (70%)
- Yellow (75%)
- Blue (87%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9693, 55.2458, 77.0317 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 51.9693, 55.2458, 77.0317 by changing the saturation by 10% instead.

■ 51.9693, 55.2458,
77.0317

■ 51.9693, 55.2458,
77.0317

384.6440,
406.8430, 504.3126

■ 37.2048, 39.5986,
56.7672

■ 92.2605, 97.9010,
130.9576

■ 25.5405, 27.2257,
40.4102

118.5178,
125.6777, 165.4562

■ 16.6111, 17.7428,
27.5423

149.3368,
158.2664, 205.5364

■ 10.0512, 10.7655,
17.7449

185.0828,
196.0515, 251.6169

■ 5.4954, 5.9094,
10.5995

226.1212,
239.4172, 304.1163

■ 2.5785, 2.7900,
5.6874

272.8172,

■ 0.9350, 1.0231,

288.7482, 363.4530

2.5903

325.5364,
344.4286, 430.0456

■ 0.0000, 0.0000,
0.8874

■ 0.0000, 0.0000,
0.0000

■ 51.9693, 55.2458,
77.0317

■ 51.9693, 55.2458,
77.0317

■ 44.5289, 47.3779,
75.9061

■ 60.4708, 64.0074,
78.2757

■ 38.0995, 40.3655,
74.8914

■ 70.0704, 73.6856,
79.6378

■ 32.6345, 34.1774,
73.9851

■ 80.8097, 84.3108,
81.1226

■ 28.0811, 28.7778,
73.1828

■ 87.8580, 93.4001,
82.5056

■ 24.3811, 24.1272,
72.4802

■ 90.1850, 98.0540,
83.2812

■ 21.4687, 20.1822,
71.8722

■ 19.2670, 16.8928,
71.3533

■ 17.6537, 14.1854,
70.9158

■ 17.5626, 14.0291,
70.8904

Harmonies

Analogous

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



49.3963, 55.2458, 73.7151



51.9693, 55.2458, 77.0317



54.7794, 55.2458, 75.5071

Triad

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



51.9693, 55.2458, 77.0317



57.6277, 55.2458, 53.9688



48.2139, 55.2458, 51.5061

Complementary

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



51.9693, 55.2458, 77.0317



59.6173, 61.4962, 51.3768

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.



50.3031, 55.2458, 47.0361



51.9693, 55.2458, 77.0317



55.7508, 55.2458, 48.3660

Square

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



51.9693, 55.2458, 77.0317



58.1125, 55.2458, 61.7190



53.0534, 55.2458, 45.9401



47.2787, 55.2458, 58.6142

Rectangle

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



51.9693, 55.2458, 77.0317



56.4014, 55.2458, 72.0146



53.0534, 55.2458, 45.9401



48.8008, 55.2458, 49.6716

Sweetspot

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



51.9710, 55.2481, 77.0329



86.9797, 91.8853, 107.7591



55.4506, 66.1224, 66.1229



18.4364, 19.4842, 23.0391



0.0000, 0.0000, 0.0000



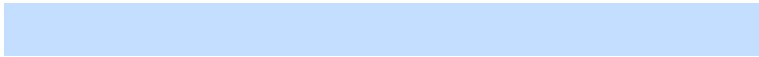
20.3446, 21.4041, 23.3091

Same Dimension

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



51.9710, 55.2481, 77.0329



67.0987, 71.3879, 104.8505



48.3973, 47.3573, 75.6982



13.4480, 14.2352, 17.4266



10.5385, 8.5466, 42.1426



0.8186, 0.7687, 2.9505

Inverse Universe

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



56.4387, 51.8483, 60.4617



74.2798, 66.1863, 78.1562



63.7288, 70.6905, 52.9348



13.9576, 13.8007, 15.5470



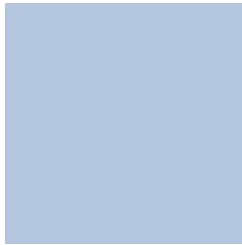
19.2596, 9.7708, 8.0326



1.3795, 0.6951, 0.7911

Previews

White Background



This preview shows how the XYZ color 51.9693, 55.2458, 77.0317 looks on a white background.

Color Contrast Check

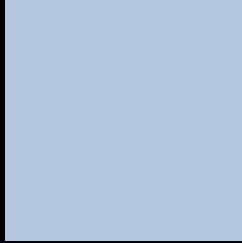
Large Text (above 18pt) WCAG AA × Fail

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 51.9693, 55.2458, 77.0317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

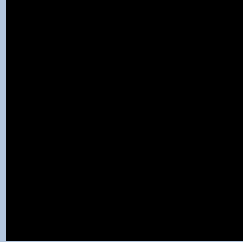
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

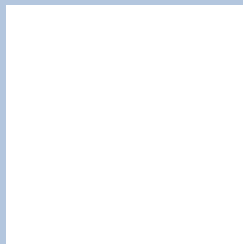
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9693, 55.2458, 77.0317

Background



This preview shows how black text looks on a background with the XYZ color 51.9693, 55.2458, 77.0317.



This preview shows how white text looks on a background with the XYZ color 51.9693, 55.2458,

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

51.9693, 55.2458, 77.0317

Protanopia

53.9483, 54.9573, 75.4746

Deuteranopia

56.3072, 55.1459, 77.4885



Tritanopia

51.0493, 55.2181, 72.2576

Trichromacy



Original Color

51.9693, 55.2458, 77.0317

Protanomaly

53.0598, 54.8155, 76.1905

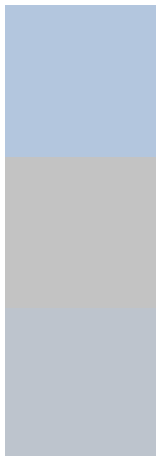
Deuteranomaly

54.8592, 55.3806, 77.6102

Tritanomaly

51.4384, 55.3738, 74.3068

Monochromacy



Original Color

51.9693, 55.2458, 77.0317

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7456, 54.7065, 65.5897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9693, 55.2458, 77.0317 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(179, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 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(179, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 222) }
```

Border

The CSS property to change the border of an element to XYZ 51.9693, 55.2458, 77.0317 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(179, 198, 222) }
```


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

```
.border{ border-color:rgb(179, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9693, 55.2458, 77.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 222) }
```

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

```
.background{ background-color: rgb(179,  
198, 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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