

Converting Colors

XYZ(53.2401, 55.6272, 78.5457)

Have a look what the booklet for
XYZ(53.2401, 55.6272, 78.5457)
contains.

XYZ(53.1880, 55.5047, 78.4312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.1880, 55.5047,
78.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C5E0
RGB	184, 197, 224
RGB Percent	72%, 77%, 88%
CMY	0.2784, 0.2274, 0.1216
CMYK	0.18, 0.12, 0.00, 0.12
HSL	220°, 39%, 80%
HSV	220°, 18%, 88%
XYZ	53.1880, 55.5047, 78.4312
YIQ	196.1910, -16.4150, 5.6410

Conversions

Conversions Part 2

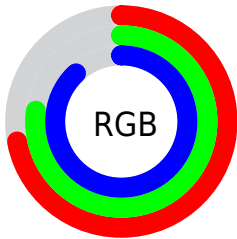
Format	Color
RYB	184, 194, 224
Decimal	12109280
CIELab	79.33, 1.12, -14.92
CIELCh	79, 14.961, 274.292
Yxy	55.5047, 0.2842, 0.2966
Android (android.graphics.Color)	4290299360 (0xFFB8C5E0)
YUV	196.1910, 13.7098, -10.6915
Hunter-Lab	74.5015, -2.9431, -10.2663

Details

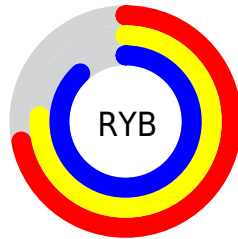
The XYZ color **53.1880, 55.5047, 78.4312** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.6870, 65.8965, 54.7641**, and the grayscale version is **52.5127, 55.2474, 60.1645**.

A 20% lighter version of the original color is **89.4270, 96.6289, 108.5457**, and **26.3440, 27.3348, 41.4238** is the 20% darker color. If you saturate the color by 10%, you get **44.9788, 46.4307, 77.1133**, and if you desaturate by 10%, it is **62.5945, 65.7099, 79.9061**.

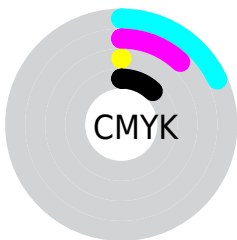
Distribution



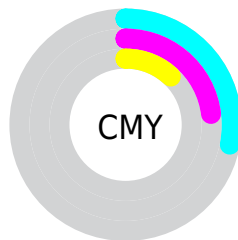
- Red (72%)
- Green (77%)
- Blue (88%)



- Red (72%)
- Yellow (76%)
- Blue (88%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1880, 55.5047, 78.4312 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 53.1880, 55.5047, 78.4312 by changing the saturation by 10% instead.

■ 53.1880, 55.5047,
78.4312

■ 53.1880, 55.5047,
78.4312

389.2550,
407.8222, 509.1967

■ 38.1810, 39.8059,
57.9097

■ 94.0449, 98.2800,
132.9492

■ 26.3010, 27.3873,
41.3218

120.6254,
126.1254, 167.7828

■ 17.1828, 17.8643,
28.2491

151.7944,
158.7884, 208.2242

■ 10.4610, 10.8526,
18.2728

187.9173,
196.6535, 254.6919

■ 5.7703, 5.9678,
10.9746

229.3595,
240.1050, 307.6044

■ 2.7452, 2.8255,
5.9358

276.4863,

■ 1.0205, 1.0413,

289.5274, 367.3804

2.7379

329.6630,
345.3050, 434.4383

■ 0.0000, 0.0000,
0.9624

■ 0.0000, 0.0000,
0.0000

■ 53.1880, 55.5047,
78.4312

■ 53.1880, 55.5047,
78.4312

■ 44.9788, 46.4307,
77.1133

■ 62.5945, 65.7099,
79.9061

■ 37.9120, 38.4403,
75.9435

■ 73.2402, 77.0781,
81.5393

■ 31.9354, 31.4924,
74.9174

■ 85.1711, 89.6480,
83.3367

■ 26.9910, 25.5406,
74.0292

■ 90.4547, 98.1619,
84.7016

■ 23.0147, 20.5343,
73.2724

■ 19.9347, 16.4181,
72.6403

■ 17.6679, 13.1293,
72.1249

■ 16.1030, 10.5891,
71.7171

■ 15.8250, 10.1224,
71.6417

Harmonies

Analogous

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



50.2952, 55.5047, 76.5578



53.1880, 55.5047, 78.4312



56.0693, 55.5047, 75.1209

Triad

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



53.1880, 55.5047, 78.4312



57.6610, 55.5047, 51.6057



47.7319, 55.5047, 53.5553

Complementary

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



53.1880, 55.5047, 78.4312



62.6870, 65.8965, 54.7641

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.



49.5750, 55.5047, 47.8002



53.1880, 55.5047, 78.4312



55.2949, 55.5047, 46.7516

Square

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



53.1880, 55.5047, 78.4312



58.7130, 55.5047, 59.2084



52.3255, 55.5047, 45.4268



47.2153, 55.5047, 61.6787

Rectangle

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



53.1880, 55.5047, 78.4312



57.5744, 55.5047, 70.5882



52.3255, 55.5047, 45.4268



48.2134, 55.5047, 51.3056

Sweetspot

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



53.1897, 55.5070, 78.4324



87.8297, 92.2933, 107.7930



58.1401, 68.1892, 71.5078



18.5893, 19.5296, 23.0398



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.



53.1897, 55.5070, 78.4324



67.5527, 70.2883, 104.6143



51.9984, 50.6973, 77.5669



13.3140, 13.9672, 17.3819



9.3042, 6.0780, 41.7312



0.7244, 0.5803, 2.9191

Inverse Universe

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



57.9604, 54.1609, 60.2251



74.9990, 68.3503, 76.1591



64.0229, 71.5759, 55.7899



13.8900, 13.7736, 15.1908



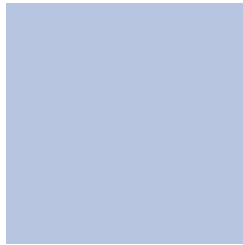
18.6366, 9.5216, 4.7519



1.3319, 0.6760, 0.5407

Previews

White Background



This preview shows how the XYZ color 53.1880, 55.5047, 78.4312 looks on a white background.

Color Contrast Check

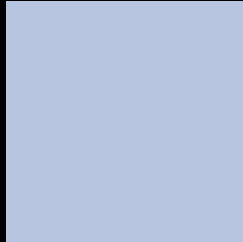
Large Text (above 18pt) WCAG AA × Fail

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 53.1880, 55.5047, 78.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

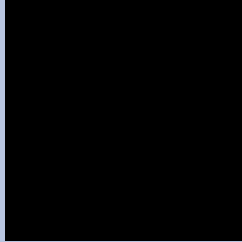
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1880, 55.5047, 78.4312

Background



This preview shows how black text looks on a background with the XYZ color 53.1880, 55.5047, 78.4312.



This preview shows how white text looks on a background with the XYZ color 53.1880, 55.5047,

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

53.1880, 55.5047, 78.4312

Protanopia

54.5726, 55.5644, 77.6608

Deuteranopia

56.5785, 55.2544, 78.9173



Tritanopia

51.8524, 55.6470, 71.6264

Trichromacy



Original Color

53.1880, 55.5047, 78.4312

Protanomaly

54.0455, 55.6264, 77.7005

Deuteranomaly

55.1662, 55.1783, 78.9771

Tritanomaly

52.3774, 55.5174, 74.2850

Monochromacy



Original Color

53.1880, 55.5047, 78.4312

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6187, 55.1426, 66.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1880, 55.5047, 78.4312 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(184, 197, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 197, 224)  
}
```

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(184, 197, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 197, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.1880, 55.5047, 78.4312 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(184, 197, 224) }
```


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

```
.border{ border-color:rgb(184, 197, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 197, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 197, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 197, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 197,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1880, 55.5047, 78.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 197, 224) }
```

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

```
.background{ background-color: rgb(184,  
197, 224) }
```

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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