

Converting Colors

XYZ(53.3003, 56.0217, 80.0807)

Have a look what the booklet for
XYZ(53.3003, 56.0217, 80.0807)
contains.

XYZ(53.2130, 55.8242, 79.9220)	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(53.2130, 55.8242,
79.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C6E2
RGB	182, 198, 226
RGB Percent	71%, 78%, 89%
CMY	0.2863, 0.2235, 0.1137
CMYK	0.19, 0.12, 0.00, 0.11
HSL	218°, 43%, 80%
HSV	218°, 19%, 89%
XYZ	53.2130, 55.8242, 79.9220
YIQ	196.4080, -18.5240, 5.3160

Conversions

Conversions Part 2

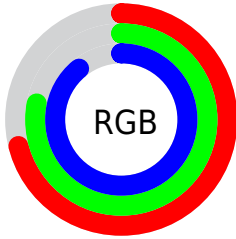
Format	Color
R _Y B	182, 194, 226
Decimal	11978466
CIE Lab	79.51, 0.40, -15.73
CIE LCh	80, 15.738, 271.447
Yxy	55.8242, 0.2816, 0.2954
Android (android.graphics.Color)	4290168546 (0xFFB6C6E2)
YUV	196.4080, 14.5889, -12.6358
Hunter-Lab	74.7156, -3.6233, -11.1206

Details

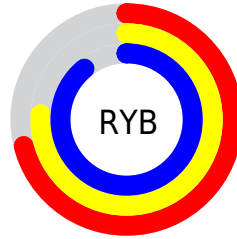
The XYZ color **53.2130, 55.8242, 79.9220** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.8548, 65.6396, 53.6144**, and the grayscale version is **52.6387, 55.3800, 60.3089**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.3772, 27.5539, 42.4563** is the 20% darker color. If you saturate the color by 10%, you get **45.1680, 47.0278, 78.6491**, and if you desaturate by 10%, it is **62.4349, 65.6935, 81.3418**.

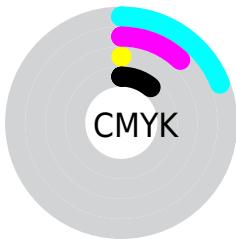
Distribution



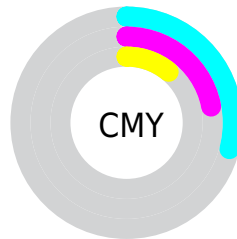
- Red (71%)
- Green (78%)
- Blue (89%)



- Red (71%)
- Yellow (76%)
- Blue (89%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2130, 55.8242, 79.9220 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 53.2130, 55.8242, 79.9220 by changing the saturation by 10% instead.

■ 53.2130, 55.8242,
79.9220

■ 53.2130, 55.8242,
79.9220

389.3493,
409.0286, 514.3698

■ 38.2010, 40.0620,
59.1284

■ 94.0814, 98.7475,
135.0665

■ 26.3166, 27.5869,
42.2958

120.6685,
126.6774, 170.2544

■ 17.1946, 18.0145,
29.0057

151.8447,
159.4319, 211.0775

■ 10.4695, 10.9604,
18.8395

187.9753,
197.3955, 257.9544

■ 5.7760, 6.0402,
11.3787

229.4257,
240.9526, 311.3035

■ 2.7487, 2.8695,
6.2048

276.5613,

■ 1.0223, 1.0640,

290.4876, 371.5434

2.8992

329.7474,
346.3848, 439.0926

■ 0.0000, 0.0000,
1.0434

■ 0.0000, 0.0000,
0.0000

■ 53.2130, 55.8242,
79.9220

■ 53.2130, 55.8242,
79.9220

■ 45.1680, 47.0278,
78.6491

■ 62.4349, 65.6935,
81.3418

■ 38.2449, 39.2588,
77.5144

■ 72.8754, 76.6652,
82.9093

■ 32.3917, 32.4785,
76.5141

■ 84.5803, 88.7763,
84.6301

■ 27.5500, 26.6427,
75.6429

■ 90.7276, 98.2711,
86.1387

■ 23.6556, 21.7034,
74.8948

■ 20.6357, 17.6075,
74.2634

■ 18.4056, 14.2947,
73.7415

■ 16.8326, 11.6786,
73.3194

■ 16.7594, 11.5546,
73.2993

Harmonies

Analogous

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



50.2035, 55.8242, 77.4115



53.2130, 55.8242, 79.9220



56.2975, 55.8242, 76.8957

Triad

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



53.2130, 55.8242, 79.9220



58.4217, 55.8242, 52.1371



47.8918, 55.8242, 52.8280

Complementary

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



53.2130, 55.8242, 79.9220



62.8548, 65.6396, 53.6144

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.



49.9475, 55.8242, 47.0948



53.2130, 55.8242, 79.9220



56.0212, 55.8242, 46.7247

Square

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



53.2130, 55.8242, 79.9220



59.3777, 55.8242, 60.3442



52.9058, 55.8242, 44.9730



47.2057, 55.8242, 61.2241

Rectangle

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



53.2130, 55.8242, 79.9220



57.9616, 55.8242, 72.3041



52.9058, 55.8242, 44.9730



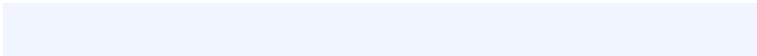
48.4414, 55.8242, 50.5559

Sweetspot

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



53.2147, 55.8265, 79.9233



86.6158, 91.1576, 107.6378



58.1052, 68.9854, 71.1399



18.3505, 19.3124, 23.0104



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.



53.2147, 55.8265, 79.9233



65.8945, 68.9796, 104.4491



51.1630, 49.6229, 78.8340



13.3581, 14.0553, 17.3966



9.6643, 6.7982, 41.8512



0.7530, 0.6375, 2.9286

Inverse Universe

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



58.2864, 53.7034, 60.7223



73.6720, 65.9431, 74.9555



65.1965, 73.0076, 54.9131



13.9122, 13.7825, 15.3079



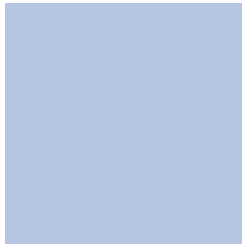
18.8183, 9.5943, 5.7089



1.3464, 0.6818, 0.6168

Previews

White Background



This preview shows how the XYZ color 53.2130, 55.8242, 79.9220 looks on a white background.

Color Contrast Check

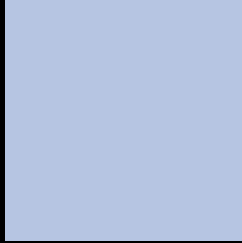
Large Text (above 18pt) WCAG AA × Fail

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 53.2130, 55.8242, 79.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

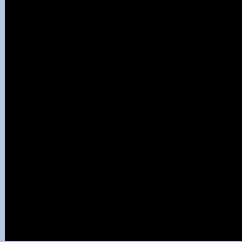
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2130, 55.8242, 79.9220

Background



This preview shows how black text looks on a background with the XYZ color 53.2130, 55.8242, 79.9220.



This preview shows how white text looks on a background with the XYZ color 53.2130, 55.8242,

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

53.2130, 55.8242, 79.9220

Protanopia

54.7079, 55.6185, 78.3730

Deuteranopia

56.8022, 55.6628, 80.4233



Tritanopia

51.8713, 55.9697, 73.0351

Trichromacy



Original Color

53.2130, 55.8242, 79.9220

Protanomaly

54.0696, 55.6075, 79.1177

Deuteranomaly

55.4050, 55.5990, 80.4846

Tritanomaly

52.3977, 55.8379, 75.7263

Monochromacy



Original Color

53.2130, 55.8242, 79.9220

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7146, 55.5139, 66.9684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2130, 55.8242, 79.9220 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(182, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 226)  
}
```

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(182, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.2130, 55.8242, 79.9220 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(182, 198, 226) }
```


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

```
.border{ border-color:rgb(182, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2130, 55.8242, 79.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 226) }
```

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

```
.background{ background-color: rgb(182,  
198, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor