

Converting Colors

XYZ(50.5702, 53.2159, 75.3165)

Have a look what the booklet for
XYZ(50.5702, 53.2159, 75.3165)
contains.

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Color

**XYZ(50.5702, 53.2159,
75.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C2DC
RGB	178, 194, 220
RGB Percent	70%, 76%, 86%
CMY	0.3020, 0.2392, 0.1373
CMYK	0.19, 0.12, 0.00, 0.14
HSL	217°, 38%, 78%
HSV	217°, 19%, 86%
XYZ	50.5702, 53.2159, 75.3165
YIQ	192.1800, -17.8820, 4.6940

Conversions

Conversions Part 2

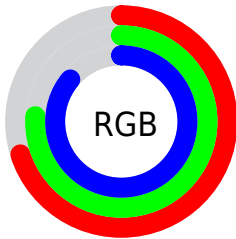
Format	Color
R_{YB}	178, 190, 220
Decimal	11715292
CIE _{Lab}	78.00, -0.03, -14.80
CIE _{LCh}	78, 14.805, 269.898
Y _{xy}	53.2159, 0.2824, 0.2971
Android (android.graphics.Color)	4289905372 (0xFFB2C2DC)
YUV	192.1800, 13.7153, -12.4359
Hunter-Lab	72.9492, -3.9206, -10.1496

Details

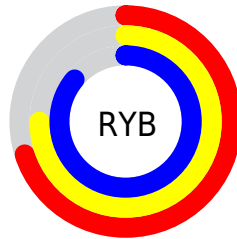
The XYZ color **50.5702, 53.2159, 75.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1445, 61.6158, 50.8966**, and the grayscale version is **50.1393, 52.7504, 57.4452**.

A 20% lighter version of the original color is **86.1673, 93.0836, 108.0332**, and **24.6271, 25.8328, 39.2855** is the 20% darker color. If you saturate the color by 10%, you get **43.0285, 45.0342, 74.1356**, and if you desaturate by 10%, it is **59.2024, 62.3748, 76.6302**.

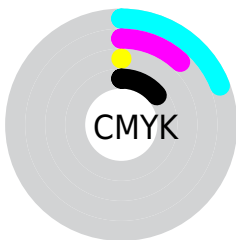
Distribution



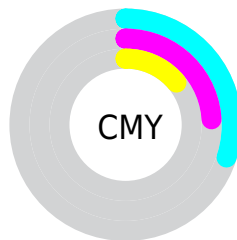
- Red (70%)
- Green (76%)
- Blue (86%)



- Red (70%)
- Yellow (75%)
- Blue (86%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (30%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5702, 53.2159, 75.3165 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 50.5702, 53.2159, 75.3165 by changing the saturation by 10% instead.

■ 50.5702, 53.2159,
75.3165

■ 50.5702, 53.2159,
75.3165

379.3068,
399.1129, 498.2891

■ 36.0863, 37.9751,
55.3689

■ 90.2059, 94.9220,
128.5115

■ 24.6713, 25.9634,
39.2966

116.0885,
122.1561, 162.5960

■ 15.9597, 16.7963,
26.6809

146.5013,
154.1568, 202.2299

■ 9.5863, 10.0893,
17.1034

181.8097,
191.3085, 247.8317

■ 5.1857, 5.4582,
10.1455

222.3791,
233.9956, 299.8200

■ 2.3925, 2.5186,
5.3887

268.5749,

■ 0.8414, 0.8859,

282.6024, 358.6133

2.4144

320.7623,
337.5134, 424.6302

■ 0.0000, 0.0000,
0.7943

■ 0.0000, 0.0000,
0.0000

■ 50.5702, 53.2159,
75.3165

■ 50.5702, 53.2159,
75.3165

■ 43.0285, 45.0342,
74.1356

■ 59.2024, 62.3748,
76.6302

■ 36.5266, 37.7885,
73.0798

■ 68.9634, 72.5372,
78.0773

■ 31.0166, 31.4439,
72.1455

■ 79.8954, 83.7364,
79.6628

■ 26.4450, 25.9609,
71.3282

■ 87.8724, 93.8553,
81.1955

■ 22.7524, 21.2962,
70.6224

■ 89.9184, 97.9474,
81.8775

■ 19.8721, 17.4021,
70.0226

■ 17.7266, 14.2244,
69.5223

■ 16.1967, 11.6868,
69.1131

■ 16.0749, 11.4803,
69.0797

Harmonies

Analogous

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



47.8500, 53.2159, 72.7945



50.5702, 53.2159, 75.3165



53.3944, 53.2159, 72.8276

Triad

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



50.5702, 53.2159, 75.3165



55.5405, 53.2159, 50.3832



45.9335, 53.2159, 50.3384

Complementary

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



50.5702, 53.2159, 75.3165



59.1445, 61.6158, 50.8966

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.



47.8665, 53.2159, 45.2388



50.5702, 53.2159, 75.3165



53.4122, 53.2159, 45.2629

Square

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



50.5702, 53.2159, 75.3165



56.3296, 53.2159, 57.9715



50.5900, 53.2159, 43.4706



45.2358, 53.2159, 57.9147

Rectangle

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



50.5702, 53.2159, 75.3165



54.9406, 53.2159, 68.7852



50.5900, 53.2159, 43.4706



46.4566, 53.2159, 48.3047

Sweetspot

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



50.5718, 53.2181, 75.3177



86.6962, 91.3184, 107.6646



54.8415, 65.0072, 66.7222



18.3695, 19.3504, 23.0168



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.



50.5718, 53.2181, 75.3177



66.1584, 69.5073, 104.5371



48.3445, 47.0645, 74.2473



12.7433, 13.4263, 16.5720



9.5337, 6.9368, 40.5749



0.6993, 0.6127, 2.6558

Inverse Universe

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



55.1745, 50.9528, 57.9683



73.8051, 65.9964, 75.6567



61.6838, 68.8639, 52.1618



13.2603, 13.1332, 14.6319



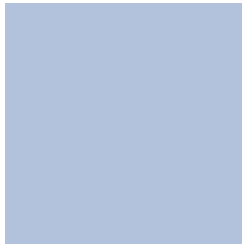
18.3075, 9.3240, 5.9993



1.2273, 0.6205, 0.6057

Previews

White Background



This preview shows how the XYZ color 50.5702, 53.2159, 75.3165 looks on a white background.

Color Contrast Check

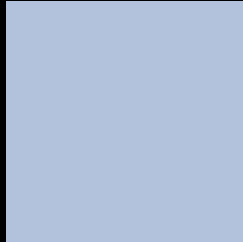
Large Text (above 18pt) WCAG AA × Fail

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 50.5702, 53.2159, 75.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

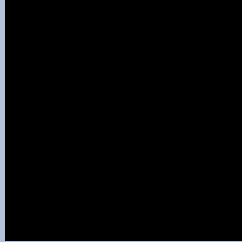
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5702, 53.2159, 75.3165

Background



This preview shows how black text looks on a background with the XYZ color 50.5702, 53.2159, 75.3165.



This preview shows how white text looks on a background with the XYZ color 50.5702, 53.2159,

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

50.5702, 53.2159, 75.3165

Protanopia

52.0247, 53.0149, 73.8206

Deuteranopia

54.3231, 53.1927, 75.8107



Tritanopia

49.1775, 52.9635, 69.2591

Trichromacy



Original Color

50.5702, 53.2159, 75.3165

Protanomaly

51.4030, 53.0041, 74.5394

Deuteranomaly

52.9505, 53.1237, 75.8697

Tritanomaly

49.7842, 53.2324, 71.2693

Monochromacy



Original Color

50.5702, 53.2159, 75.3165

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2242, 52.9690, 63.4541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5702, 53.2159, 75.3165 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(178, 194, 220)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 220)  
}
```

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(178, 194, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 220) }
```

Border

The CSS property to change the border of an element to XYZ 50.5702, 53.2159, 75.3165 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(178, 194, 220) }
```


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

```
.border{ border-color:rgb(178, 194, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 194, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 194, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 194, 220);  
box-shadow:4px 4px 4px 4px rgb(178, 194,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5702, 53.2159, 75.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 194, 220) }
```

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

```
.background{ background-color: rgb(178,  
194, 220) }
```

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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