

Converting Colors

XYZ(53.4661, 56.2329, 77.9919)

Have a look what the booklet for
XYZ(53.4661, 56.2329, 77.9919)
contains.

XYZ(53.5099, 56.3649, 77.8713)	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(53.5099, 56.3649,
77.8713)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C7DF
RGB	184, 199, 223
RGB Percent	72%, 78%, 87%
CMY	0.2784, 0.2196, 0.1255
CMYK	0.17, 0.11, 0.00, 0.13
HSL	217°, 38%, 80%
HSV	217°, 17%, 87%
XYZ	53.5099, 56.3649, 77.8713
YIQ	197.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

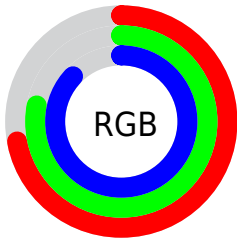
Format	Color
RYB	184, 195, 223
Decimal	12109791
CIELab	79.82, -0.16, -13.65
CIELCh	80, 13.648, 269.317
Yxy	56.3649, 0.2850, 0.3002
Android (android.graphics.Color)	4290299871 (0xFFB8C7DF)
YUV	197.2510, 12.6943, -11.6211
Hunter-Lab	75.0766, -4.1603, -8.9435

Details

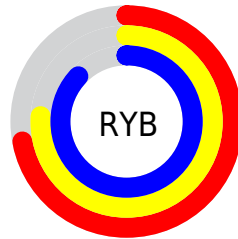
The XYZ color **53.5099, 56.3649, 77.8713** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6396, 64.2605, 54.5035**, and the grayscale version is **53.1568, 55.9251, 60.9025**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **26.5534, 27.9032, 41.0321** is the 20% darker color. If you saturate the color by 10%, you get **45.5674, 47.7942, 76.6365**, and if you desaturate by 10%, it is **62.5826, 65.9438, 79.2429**.

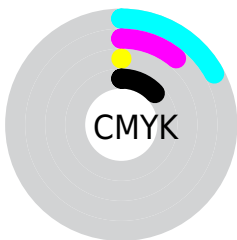
Distribution



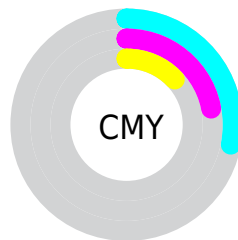
- Red (72%)
- Green (78%)
- Blue (87%)



- Red (72%)
- Yellow (76%)
- Blue (87%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5099, 56.3649, 77.8713 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 53.5099, 56.3649, 77.8713 by changing the saturation by 10% instead.

■ 53.5099, 56.3649,
77.8713

■ 53.5099, 56.3649,
77.8713

390.4673,
411.0652, 507.2460

■ 38.4391, 40.4956,
57.4524

■ 94.5154, 99.5379,
132.1529

■ 26.5024, 27.9251,
40.9568

121.1807,
127.6103, 166.8527

■ 17.3345, 18.2692,
27.9659

152.4417,
160.5193, 207.1499

■ 10.5701, 11.1435,
18.0611

188.6635,
198.6491, 253.4631

■ 5.8437, 6.1634,
10.8240

230.2117,
242.3842, 306.2107

■ 2.7900, 2.9447,
5.8359

277.4514,

■ 1.0437, 1.1029,

292.1090, 365.8114

2.6784

330.7482,
348.2079, 432.6836

■ 0.0000, 0.0000,
0.9325

■ 0.0000, 0.0000,
0.0000

■ 53.5099, 56.3649,
77.8713

■ 53.5099, 56.3649,
77.8713

■ 45.5674, 47.7942,
76.6365

■ 62.5826, 65.9438,
79.2429

■ 38.7032, 40.1894,
75.5304

■ 72.8243, 76.5572,
80.7517

■ 32.8686, 33.5154,
74.5497

■ 84.2782, 88.2392,
82.4029

■ 28.0092, 27.7320,
73.6895

■ 89.9669, 97.4027,
83.8718

■ 24.0648, 22.7954,
72.9446

■ 90.3195, 98.1078,
83.9893

■ 20.9681, 18.6575,
72.3091

■ 18.6410, 15.2640,
71.7767

■ 16.9810, 12.5469,
71.3398

■ 16.6299, 11.9487,
71.2428

Harmonies

Analogous

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



50.9086, 56.3649, 75.4036



53.5099, 56.3649, 77.8713



56.2159, 56.3649, 75.6116

Triad

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



53.5099, 56.3649, 77.8713



58.3384, 56.3649, 54.2216



49.1344, 56.3649, 53.9331

Complementary

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



53.5099, 56.3649, 77.8713



61.6396, 64.2605, 54.5035

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.



51.0146, 56.3649, 49.0424



53.5099, 56.3649, 77.8713



56.3291, 56.3649, 49.1986

Square

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



53.5099, 56.3649, 77.8713



59.0610, 56.3649, 61.5532



53.6364, 56.3649, 47.3849



48.4363, 56.3649, 61.1908

Rectangle

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



53.5099, 56.3649, 77.8713



57.7022, 56.3649, 71.8300



53.6364, 56.3649, 47.3849



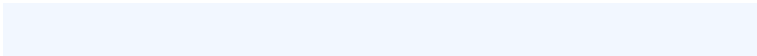
49.6459, 56.3649, 51.9814

Sweetspot

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



53.5116, 56.3672, 77.8726



88.0619, 92.7576, 107.8704



57.4675, 67.4914, 69.2876



18.6457, 19.6423, 23.0586



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.



53.5116, 56.3672, 77.8726



68.3929, 71.9687, 104.8944



51.1754, 50.2887, 76.8224



13.3822, 14.1034, 17.4046



9.8795, 7.2286, 41.9229



0.7696, 0.6707, 2.9341

Inverse Universe

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



57.8821, 54.0939, 61.4258



75.4231, 68.5200, 78.3923



64.2840, 71.3127, 55.7253



13.9244, 13.7874, 15.3718



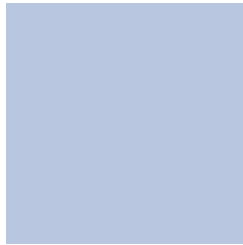
18.9269, 9.6378, 6.2810



1.3547, 0.6852, 0.6608

Previews

White Background



This preview shows how the XYZ color 53.5099, 56.3649, 77.8713 looks on a white background.

Color Contrast Check

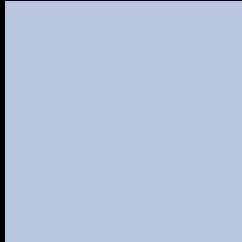
Large Text (above 18pt) WCAG AA × Fail

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 53.5099, 56.3649, 77.8713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

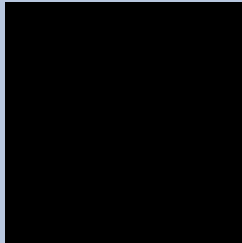
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5099, 56.3649, 77.8713

Background



This preview shows how black text looks on a background with the XYZ color 53.5099, 56.3649, 77.8713.



This preview shows how white text looks on a background with the XYZ color 53.5099, 56.3649,

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

53.5099, 56.3649, 77.8713

Protanopia

55.0392, 56.1696, 76.3476

Deuteranopia

57.4263, 56.3591, 78.3727



Tritanopia

52.5774, 56.3337, 73.0681

Trichromacy



Original Color

53.5099, 56.3649, 77.8713

Protanomaly

54.3863, 56.1536, 77.0795

Deuteranomaly

55.9956, 56.2823, 78.4333

Tritanomaly

52.9689, 56.4903, 75.1298

Monochromacy



Original Color

53.5099, 56.3649, 77.8713

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0729, 56.0509, 66.4142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5099, 56.3649, 77.8713 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, 199, 223)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 223)  
}
```

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, 199, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.5099, 56.3649, 77.8713 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, 199, 223) }
```


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

```
.border{ border-color:rgb(184, 199, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 199, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 223);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5099, 56.3649, 77.8713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 223) }
```

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

```
.background{ background-color: rgb(184,  
199, 223) }
```

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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