

Converting Colors

XYZ(53.9924, 56.9524, 77.8565)

Have a look what the booklet for
XYZ(53.9924, 56.9524, 77.8565)
contains.

XYZ(53.9811, 56.9506, 77.9595)	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(53.9811, 56.9506,
77.9595)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C8DF
RGB	185, 200, 223
RGB Percent	73%, 78%, 87%
CMY	0.2745, 0.2157, 0.1255
CMYK	0.17, 0.10, 0.00, 0.13
HSL	216°, 37%, 80%
HSV	216°, 17%, 87%
XYZ	53.9811, 56.9506, 77.9595
YIQ	198.1370, -16.3230, 3.9730

Conversions

Conversions Part 2

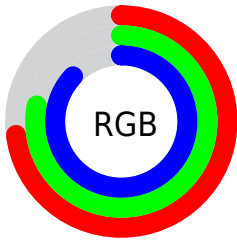
Format	Color
R _Y B	185, 196, 223
Decimal	12175583
CIE Lab	80.15, -0.38, -13.14
CIE LCh	80, 13.150, 268.344
Yxy	56.9506, 0.2858, 0.3015
Android (android.graphics.Color)	4290365663 (0xFFB9C8DF)
YUV	198.1370, 12.2575, -11.5211
Hunter-Lab	75.4656, -4.3825, -8.4234

Details

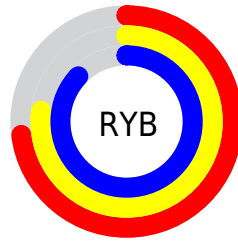
The XYZ color **53.9811, 56.9506, 77.9595** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7445, 64.3021, 55.0572**, and the grayscale version is **53.6961, 56.4925, 61.5203**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **26.8625, 28.2905, 41.0906** is the 20% darker color. If you saturate the color by 10%, you get **46.0290, 48.4154, 76.7321**, and if you desaturate by 10%, it is **63.0563, 66.4773, 79.3209**.

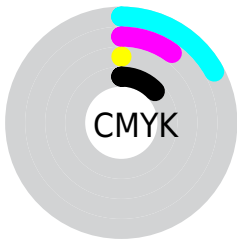
Distribution



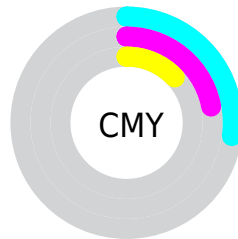
- Red (73%)
- Green (78%)
- Blue (87%)



- Red (73%)
- Yellow (77%)
- Blue (87%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9811, 56.9506, 77.9595 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 53.9811, 56.9506, 77.9595 by changing the saturation by 10% instead.

■ 53.9811, 56.9506,
77.9595

■ 53.9811, 56.9506,
77.9595

392.2375,
413.2642, 507.5535

■ 38.8172, 40.9656,
57.5245

■ 95.2036, 100.3931,
132.2784

■ 26.7976, 28.2922,
41.0143

121.9928,
128.6194, 166.9993

■ 17.5571, 18.5460,
28.0105

153.3878,
161.6949, 207.3193

■ 10.7302, 11.3427,
18.0944

189.7540,
200.0039, 253.6568

■ 5.9517, 6.2978,
10.8477

231.4567,
243.9310, 306.4304

■ 2.8561, 3.0270,
5.8516

278.8613,

■ 1.0781, 1.1459,

293.8605, 366.0588

2.6877

332.3331,
350.1767, 432.9603

■ 0.0067, 0.0168,
0.9372

■ 0.0000, 0.0000,
0.0000

■ 53.9811, 56.9506,
77.9595

■ 53.9811, 56.9506,
77.9595

■ 46.0290, 48.4154,
76.7321

■ 63.0563, 66.4773,
79.3209

■ 39.1485, 40.8303,
75.6306

■ 73.2930, 77.0210,
80.8165

■ 33.2917, 34.1610,
74.6520

■ 84.7340, 88.6151,
82.4514

■ 28.4046, 28.3682,
73.7915

■ 89.9973, 97.4635,
83.8819

■ 24.4280, 23.4094,
73.0439

■ 90.3195, 98.1078,
83.9893

■ 21.2952, 19.2376,
72.4038

■ 18.9295, 15.7999,
71.8649

■ 17.2326, 13.0313,
71.4200

■ 16.8128, 12.3144,
71.3037

Harmonies

Analogous

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



51.4706, 56.9506, 75.4370



53.9811, 56.9506, 77.9595



56.6130, 56.9506, 75.9240

Triad

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



53.9811, 56.9506, 77.9595



58.7922, 56.9506, 55.2645



49.8615, 56.9506, 54.5834

Complementary

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



53.9811, 56.9506, 77.9595



61.7445, 64.3021, 55.0572

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.



51.7204, 56.9506, 49.9083



53.9811, 56.9506, 77.9595



56.8791, 56.9506, 50.2781

Square

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



53.9811, 56.9506, 77.9595



59.4450, 56.9506, 62.4369



54.2788, 56.9506, 48.3984



49.1413, 56.9506, 61.5841

Rectangle

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



53.9811, 56.9506, 77.9595



58.0714, 56.9506, 72.3431



54.2788, 56.9506, 48.3984



50.3708, 56.9506, 52.7100

Sweetspot

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



53.9828, 56.9529, 77.9608



88.1015, 92.8368, 107.8836



57.7568, 67.6349, 69.5573



18.6553, 19.6615, 23.0618



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.



53.9828, 56.9529, 77.9608



69.6439, 73.4415, 105.1127



51.6059, 50.8200, 76.9023



13.3938, 14.1267, 17.4085



9.9885, 7.4466, 41.9592



0.7779, 0.6872, 2.9369

Inverse Universe

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



58.2070, 54.5572, 62.1091



76.3058, 69.8349, 80.0751



64.4192, 71.3702, 56.2805



13.9302, 13.7897, 15.4028



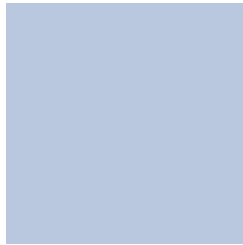
18.9819, 9.6598, 6.5706



1.3589, 0.6868, 0.6828

Previews

White Background



This preview shows how the XYZ color 53.9811, 56.9506, 77.9595 looks on a white background.

Color Contrast Check

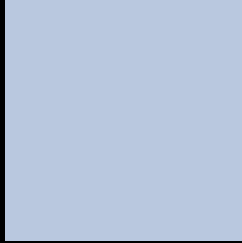
Large Text (above 18pt) WCAG AA × Fail

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 53.9811, 56.9506, 77.9595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

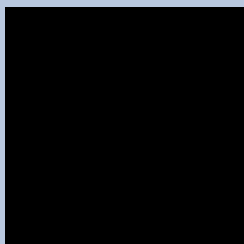
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

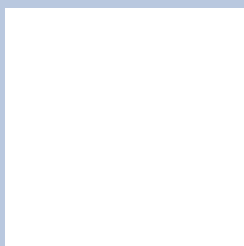
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9811, 56.9506, 77.9595

Background



This preview shows how black text looks on a background with the XYZ color 53.9811, 56.9506, 77.9595.



This preview shows how white text looks on a background with the XYZ color 53.9811, 56.9506,

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

53.9811, 56.9506, 77.9595

Protanopia

55.5231, 56.7551, 76.4351

Deuteranopia

57.9781, 56.6436, 78.3985



Tritanopia

53.1782, 56.9734, 73.8398

Trichromacy



Original Color

53.9811, 56.9506, 77.9595

Protanomaly

54.8648, 56.7385, 77.1672

Deuteranomaly

56.4832, 56.8674, 78.5205

Tritanomaly

53.4400, 57.0781, 75.2184

Monochromacy



Original Color

53.9811, 56.9506, 77.9595

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6782, 56.6893, 67.1445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9811, 56.9506, 77.9595 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(185, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 200, 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(185, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 200, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.9811, 56.9506, 77.9595 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(185, 200, 223) }
```


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

```
.border{ border-color:rgb(185, 200, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 200, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 200, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 200, 223);  
box-shadow:4px 4px 4px 4px rgb(185, 200,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9811, 56.9506, 77.9595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 200, 223) }
```

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

```
.background{ background-color: rgb(185,  
200, 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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