

Converting Colors

XYZ(33.9235, 40.9185, 55.9793)

Have a look what the booklet for
XYZ(33.9235, 40.9185, 55.9793)
contains.

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Color

**XYZ(33.9235, 40.9185,
55.9793)**

Conversions

Conversions Part 1

Format	Color
Hex	79B5C0
RGB	121, 181, 192
RGB Percent	47%, 71%, 75%
CMY	0.5255, 0.2902, 0.2471
CMYK	0.37, 0.06, 0.00, 0.25
HSL	189°, 36%, 61%
HSV	189°, 37%, 75%
XYZ	33.9235, 40.9185, 55.9793
YIQ	164.3140, -39.2910, -9.2990

Conversions

Conversions Part 2

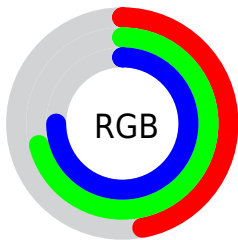
Format	Color
RYB	121, 154, 192
Decimal	7976384
CIELab	70.12, -16.53, -11.74
CIElCh	70, 20.277, 215.381
Yxy	40.9185, 0.2593, 0.3128
Android (android.graphics.Color)	4286166464 (0xFF79B5C0)
YUV	164.3140, 13.6492, -37.9864
Hunter-Lab	63.9676, -17.2805, -7.1086

Details

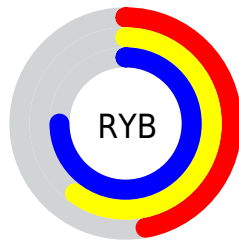
The XYZ color **33.9235, 40.9185, 55.9793** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.4414, 29.0901, 21.9426**, and the grayscale version is **35.3876, 37.2305, 40.5440**.

A 20% lighter version of the original color is **65.1320, 76.5758, 100.1547**, and **14.7633, 18.5314, 27.2249** is the 20% darker color. If you saturate the color by 10%, you get **30.8980, 38.4715, 55.6671**, and if you desaturate by 10%, it is **37.4999, 43.6706, 56.3227**.

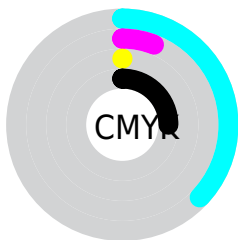
Distribution



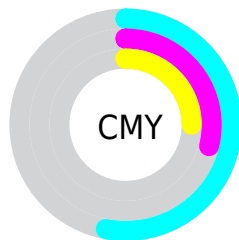
- Red (47%)
- Green (71%)
- Blue (75%)



- Red (47%)
- Yellow (60%)
- Blue (75%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)





- Cyan (53%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9235, 40.9185, 55.9793 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 33.9235, 40.9185, 55.9793 by changing the saturation by 10% instead.


 33.9235, 40.9185,
55.9793


 33.9235, 40.9185,
55.9793


311.3827,
349.9799, 426.9996


 22.9974, 28.2554,
39.7824


 65.1598, 76.5602,
100.4598

 14.7123, 18.5183,
27.0565


 86.2007, 100.3075,
129.5805

 8.7027, 11.3227,
17.3828

 111.3440,
128.5184, 163.8463

 4.6033, 6.2843,
10.3430

140.9549,
161.5773, 203.6756

 2.0488, 3.0187,
5.5184

175.3989,
199.8684, 249.4871

 0.6612, 1.1415,
2.4905

215.0413,

 0.0000, 0.0132,

243.7763, 301.6992

0.8351

260.2475,
293.6853, 360.7305

■ 0.0000, 0.0000,
0.0000

■ 33.9235, 40.9185,
55.9793

■ 33.9235, 40.9185,
55.9793

■ 30.8980, 38.4715,
55.6671

■ 37.4999, 43.6706,
56.3227

■ 28.3876, 36.3081,
55.3819

■ 41.6529, 46.7382,
56.6959

■ 26.3582, 34.4117,
55.1228

■ 46.4109, 50.1372,
57.1012

■ 24.7698, 32.7614,
54.8880

■ 51.7995, 53.8807,
57.5398

■ 23.5758, 31.3331,
54.6752

■ 57.8426, 57.9813,
58.0128

■ 22.7125, 30.0938,
54.4815

■ 64.5630, 62.4508,
58.5213

■ 22.4806, 29.7379,
54.4250

■ 71.8335, 67.2237,
59.0593

■ 72.5373, 68.6314,
59.2939

■ 73.2547, 70.0660,
59.5331

Harmonies

Analogous

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



32.8854, 40.9185, 46.2869



33.9235, 40.9185, 55.9793



36.2967, 40.9185, 63.2919

Triad

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



33.9235, 40.9185, 55.9793



44.9782, 40.9185, 52.5979



38.2972, 40.9185, 28.7398

Complementary

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



33.9235, 40.9185, 55.9793



33.4414, 29.0901, 21.9426

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.



41.6077, 40.9185, 29.9347



33.9235, 40.9185, 55.9793



45.5883, 40.9185, 42.8635

Square

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



33.9235, 40.9185, 55.9793



42.6999, 40.9185, 61.1535



44.3230, 40.9185, 34.7985



35.3171, 40.9185, 31.2669

Rectangle

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



33.9235, 40.9185, 55.9793



38.3808, 40.9185, 65.3354



44.3230, 40.9185, 34.7985



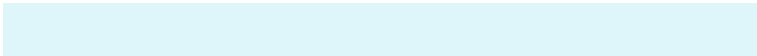
39.4074, 40.9185, 28.7240

Sweetspot

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



33.9247, 40.9201, 55.9803



80.3368, 88.1843, 103.1474



30.8767, 43.4215, 28.4593



16.9820, 18.7379, 22.1070



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.9247, 40.9201, 55.9803



57.1468, 70.6691, 100.9888



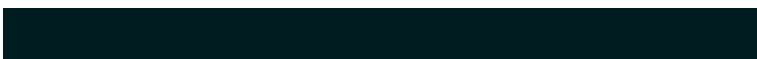
27.6564, 28.3834, 53.8908



10.2314, 11.1540, 12.8985



15.1732, 20.1029, 36.6372



0.6922, 0.9419, 1.5952

Inverse Universe

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



36.9172, 28.2185, 47.2188



63.4474, 44.9209, 82.3180



39.0365, 40.2803, 23.8077



10.4281, 10.2198, 12.3448



19.0547, 9.3116, 23.9979



0.8418, 0.4097, 1.1343

Previews

White Background



This preview shows how the XYZ color 33.9235, 40.9185, 55.9793 looks on a white background.

Color Contrast Check

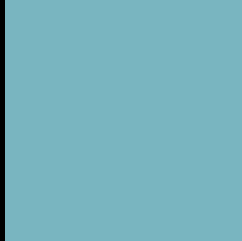
Large Text (above 18pt) WCAG AA × Fail

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 33.9235, 40.9185, 55.9793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

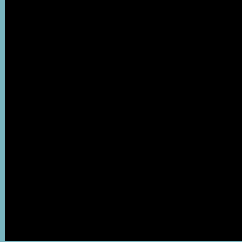
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9235, 40.9185, 55.9793

Background



This preview shows how black text looks on a background with the XYZ color 33.9235, 40.9185, 55.9793.

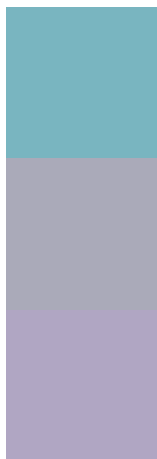


This preview shows how white text looks on a background with the XYZ color 33.9235, 40.9185,

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

33.9235, 40.9185, 55.9793

Protanopia

39.7092, 40.7983, 51.6809

Deuteranopia

41.3910, 40.4427, 57.2544



Tritanopia

34.4002, 41.1255, 57.7547

Trichromacy



Original Color

33.9235, 40.9185, 55.9793

Protanomaly

37.1620, 40.5783, 53.4507

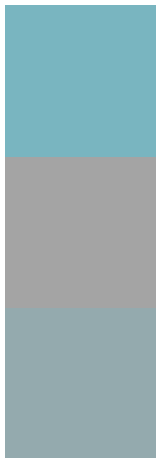
Deuteranomaly

38.0108, 40.0888, 56.7735

Tritanomaly

34.2875, 41.0804, 57.1611

Monochromacy



Original Color

33.9235, 40.9185, 55.9793

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.2274, 38.1013, 45.5947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9235, 40.9185, 55.9793 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(121, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(121, 181, 192)  
}
```

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(121, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 181, 192) }
```

Border

The CSS property to change the border of an element to XYZ 33.9235, 40.9185, 55.9793 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(121, 181, 192) }
```


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

```
.border{ border-color:rgb(121, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(121, 181,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9235, 40.9185, 55.9793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 181, 192) }
```

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

```
.background{ background-color: rgb(121,  
181, 192) }
```

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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