

Converting Colors

XYZ(33.7841, 39.3069, 55.6762)

Have a look what the booklet for
XYZ(33.7841, 39.3069, 55.6762)
contains.

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Color

**XYZ(33.7922, 39.3685,
55.6870)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7FB0C0 |
| RGB | 127, 176, 192 |
| RGB Percent | 50%, 69%, 75% |
| CMY | 0.5019, 0.3098, 0.2471 |
| CMYK | 0.34, 0.08, 0.00, 0.25 |
| HSL | 195°, 34%, 63% |
| HSV | 195°, 34%, 75% |
| XYZ | 33.7922, 39.3685, 55.6870 |
| YIQ | 163.1730, -34.3400, -5.4120 |

Conversions

Conversions Part 2

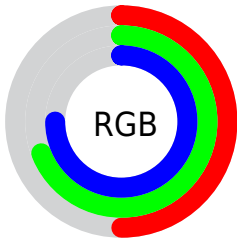
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 127, 155, 192 |
| Decimal | 8368320 |
| CIELab | 69.02, -12.24, -13.36 |
| CIElCh | 69, 18.121, 227.499 |
| Yxy | 39.3685, 0.2623, 0.3055 |
| Android (android.graphics.Color) | 4286558400 (0xFF7FB0C0) |
| YUV | 163.1730, 14.2117, -31.7237 |
| Hunter-Lab | 62.7443, -13.6678, -8.7002 |

Details

The XYZ color **33.7922, 39.3685, 55.6870** is a light color, and the websafe version is hex **669999**. A complement of this color would be **35.3921, 32.3842, 24.4652**, and the grayscale version is **34.8421, 36.6566, 39.9190**.

A 20% lighter version of the original color is **65.0913, 74.4356, 99.7438**, and **14.6448, 17.5259, 27.0371** is the 20% darker color. If you saturate the color by 10%, you get **30.2904, 36.2124, 55.2631**, and if you desaturate by 10%, it is **37.8736, 42.8731, 56.1490**.

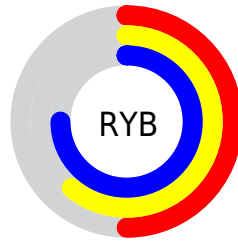
Distribution



Red (50%)

Green (69%)

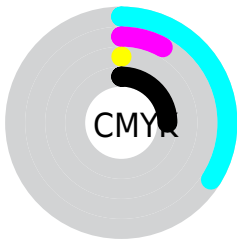
Blue (75%)



Red (50%)

Yellow (61%)

Blue (75%)

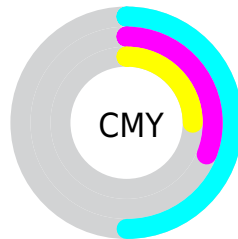


Cyan (34%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7922, 39.3685, 55.6870 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 33.7922, 39.3685, 55.6870 by changing the saturation by 10% instead.

■ 33.7922, 39.3685,
55.6870

■ 33.7922, 39.3685,
55.6870

310.8067,
343.4547, 425.8660

■ 22.8961, 27.0465,
39.5497

■ 64.9568, 74.2009,
100.0280

■ 14.6371, 17.6082,
26.8765

■ 85.9561, 97.4802,
129.0688

■ 8.6498, 10.6690,
17.2489

■ 111.0538,
125.1806, 163.2479

■ 4.5687, 5.8448,
10.2483

140.6154,
157.6866, 202.9838

■ 2.0286, 2.7509,
5.4561

175.0061,
195.3827, 248.6950

■ 0.6500, 1.0031,
2.4539

214.5913,

■ 0.0000, 0.0000,

238.6531, 300.8000

0.8156

259.7364,
287.8823, 359.7175

■ 0.0000, 0.0000,
0.0000

■ 33.7922, 39.3685,
55.6870

■ 33.7922, 39.3685,
55.6870

■ 30.2904, 36.2124,
55.2631

■ 37.8736, 42.8731,
56.1490

■ 27.3331, 33.3836,
54.8729

■ 42.5599, 46.7370,
56.6478

■ 24.8872, 30.8653,
54.5157

■ 47.8791, 50.9760,
57.1857

■ 22.9140, 28.6371,
54.1896

■ 53.8566, 55.6036,
57.7638

■ 21.3689, 26.6755,
53.8925

■ 60.5162, 60.6326,
58.3835

■ 20.1984, 24.9525,
53.6216

■ 67.8804, 66.0750,
59.0459

■ 19.6009, 23.9786,
53.4651

■ 73.5754, 70.7075,
59.6399

■ 74.7528, 73.0622,
60.0324

■ 75.9648, 75.4863,
60.4364

Harmonies

Analogous

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



32.3702, 39.3685, 47.8257



33.7922, 39.3685, 55.6870



36.2298, 39.3685, 60.3349

Triad

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



33.7922, 39.3685, 55.6870



43.1038, 39.3685, 46.3997



35.7742, 39.3685, 29.4211

Complementary

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



33.7922, 39.3685, 55.6870



35.3921, 32.3842, 24.4652

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.



38.6331, 39.3685, 29.1428



33.7922, 39.3685, 55.6870



42.9663, 39.3685, 38.2609

Square

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



33.7922, 39.3685, 55.6870



41.6621, 39.3685, 54.5281



41.2955, 39.3685, 32.1807



33.4734, 39.3685, 32.9972

Rectangle

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



33.7922, 39.3685, 55.6870



38.1477, 39.3685, 60.6380



41.2955, 39.3685, 32.1807



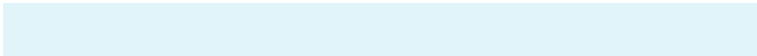
36.6988, 39.3685, 28.9569

Sweetspot

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



33.7934, 39.3701, 55.6879



80.5382, 87.4395, 102.9930



32.4980, 44.1701, 32.4708



16.9924, 18.5295, 22.0662



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.



33.7934, 39.3701, 55.6879



56.1908, 66.8184, 100.2960



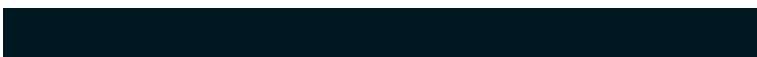
28.2916, 28.3665, 53.8540



10.1518, 10.9949, 12.8720



13.2529, 16.2623, 35.9970



0.6241, 0.8055, 1.5725

Inverse Universe

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



37.1651, 29.5209, 44.8153



63.4382, 46.7293, 76.6830



40.8350, 43.2700, 26.2795



10.3879, 10.2038, 12.1333



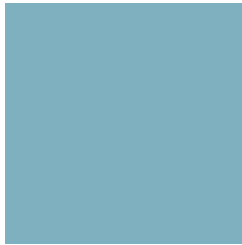
18.0854, 8.9239, 18.8937



0.8074, 0.3960, 0.9531

Previews

White Background



This preview shows how the XYZ color 33.7922, 39.3685, 55.6870 looks on a white background.

Color Contrast Check

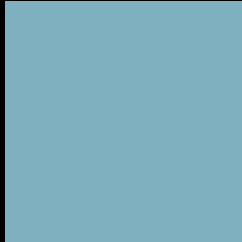
Large Text (above 18pt) WCAG AA × Fail

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 33.7922, 39.3685, 55.6870 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 33.7922, 39.3685, 55.6870

Background



This preview shows how black text looks on a background with the XYZ color 33.7922, 39.3685, 55.6870.



This preview shows how white text looks on a background with the XYZ color 33.7922, 39.3685,

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

33.7922, 39.3685, 55.6870

Protanopia

38.1987, 39.1819, 52.0040

Deuteranopia

39.9204, 39.1490, 57.0822



Tritanopia

33.5720, 39.2804, 54.5276

Trichromacy



Original Color

33.7922, 39.3685, 55.6870

Protanomaly

36.2143, 38.9596, 53.1882

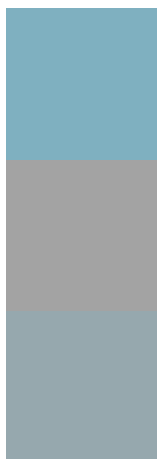
Deuteranomaly

37.2578, 38.8689, 56.5777

Tritanomaly

33.6817, 39.3243, 55.1053

Monochromacy



Original Color

33.7922, 39.3685, 55.6870

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.2203, 37.5453, 45.4878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7922, 39.3685, 55.6870 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(127, 176, 192)` looks like.

```
.text, #text, p{  
    color:rgb(127, 176, 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(127, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 176, 192) }
```

Border

The CSS property to change the border of an element to XYZ 33.7922, 39.3685, 55.6870 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(127, 176, 192) }
```


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

```
.border{ border-color:rgb(127, 176, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 176, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(127, 176,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7922, 39.3685, 55.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 176, 192) }
```

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

```
.background{ background-color: rgb(127,  
176, 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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