

Converting Colors

XYZ(39.6844, 45.1553, 63.7515)

Have a look what the booklet for
XYZ(39.6844, 45.1553, 63.7515)
contains.

XYZ(39.7857, 45.3171, 63.7769)	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(39.7857, 45.3171,
63.7769)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBACC
RGB	143, 186, 204
RGB Percent	56%, 73%, 80%
CMY	0.4392, 0.2706, 0.2000
CMYK	0.30, 0.09, 0.00, 0.20
HSL	198°, 37%, 68%
HSV	198°, 30%, 80%
XYZ	39.7857, 45.3171, 63.7769
YIQ	175.1950, -31.4060, -3.5180

Conversions

Conversions Part 2

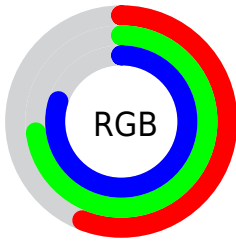
Format	Color
RYB	143, 168, 204
Decimal	9419468
CIELab	73.10, -10.03, -13.72
CIElCh	73, 16.993, 233.832
Yxy	45.3171, 0.2672, 0.3044
Android (android.graphics.Color)	4287609548 (0xFF8FBACC)
YUV	175.1950, 14.2009, -28.2350
Hunter-Lab	67.3180, -12.3109, -9.0486

Details

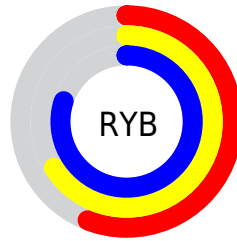
The XYZ color **39.7857, 45.3171, 63.7769** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6053, 40.3107, 31.5229**, and the grayscale version is **40.7900, 42.9143, 46.7337**.

A 20% lighter version of the original color is **73.0908, 82.7300, 106.7239**, and **18.1090, 21.1507, 31.9822** is the 20% darker color. If you saturate the color by 10%, you get **35.3290, 41.1777, 63.2136**, and if you desaturate by 10%, it is **44.9408, 49.8981, 64.3902**.

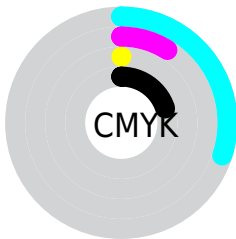
Distribution



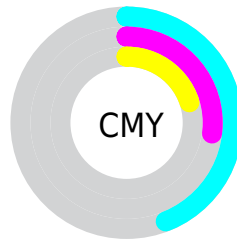
- Red (56%)
- Green (73%)
- Blue (80%)



- Red (56%)
- Yellow (66%)
- Blue (80%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7857, 45.3171, 63.7769 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 39.7857, 45.3171, 63.7769 by changing the saturation by 10% instead.

■ 39.7857, 45.3171,
63.7769

■ 39.7857, 45.3171,
63.7769

336.3694,
368.0563, 456.5689

■ 27.5550, 31.7073,
46.0250

■ 74.1235, 83.1960,
111.8859

■ 18.1292, 21.1380,
31.9167

■ 96.9613, 108.2340,
143.0801

■ 11.1430, 13.2249,
21.0336

124.0654,
137.8500, 179.5922

■ 6.2311, 7.5836,
12.9571

155.8013,
172.4286, 221.8406

■ 3.0281, 3.8297,
7.2686

192.5343,
212.3541, 270.2439

■ 1.1686, 1.5788,
3.5497

234.6298,

■ 0.0814, 0.3432,

258.0110, 325.2207

1.3817

282.4530,
309.7836, 387.1895

■ 0.0000, 0.0000,
0.1274

■ 0.0000, 0.0000,
0.0000

■ 39.7857, 45.3171,
63.7769

■ 39.7857, 45.3171,
63.7769

■ 35.3290, 41.1777,
63.2136

■ 44.9408, 49.8981,
64.3902

■ 31.5311, 37.4551,
62.6952

■ 50.8229, 54.9330,
65.0520

■ 28.3545, 34.1301,
62.2209

■ 57.4641, 60.4405,
65.7650

■ 25.7561, 31.1796,
61.7883

■ 64.8934, 66.4362,
66.5307

■ 23.6868, 28.5773,
61.3951

■ 73.1379, 72.9353,
67.3507

■ 22.0888, 26.2921,
61.0382

■ 78.2919, 77.9250,
68.0421

■ 20.8553, 24.2681,
60.7125

■ 79.9204, 81.1820,
68.5850

■ 20.8438, 24.2488,
60.7094

■ 81.6066, 84.5544,
69.1470

■ 83.3510, 88.0432,
69.7285

Harmonies

Analogous

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



38.0514, 45.3171, 56.2588



39.7857, 45.3171, 63.7769



42.4611, 45.3171, 67.4781

Triad

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



39.7857, 45.3171, 63.7769



49.0106, 45.3171, 51.1230



40.8035, 45.3171, 35.8289

Complementary

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



39.7857, 45.3171, 63.7769



42.6053, 40.3107, 31.5229

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.



43.6898, 45.3171, 34.7879



39.7857, 45.3171, 63.7769



48.5170, 45.3171, 43.0179

Square

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



39.7857, 45.3171, 63.7769



47.8550, 45.3171, 59.6506



46.5356, 45.3171, 37.2692



38.6199, 45.3171, 40.2963

Rectangle

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



39.7857, 45.3171, 63.7769



44.4539, 45.3171, 67.0109



46.5356, 45.3171, 37.2692



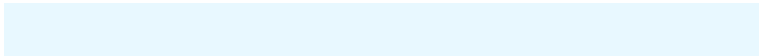
41.7201, 45.3171, 35.0898

Sweetspot

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



39.7871, 45.3189, 63.7779



84.9827, 91.6596, 107.8208



39.2915, 51.5743, 41.2729



17.8627, 19.3436, 23.0422



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.



39.7871, 45.3189, 63.7779



60.9151, 70.4673, 104.9987



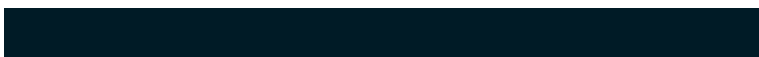
34.1527, 34.0501, 61.8998



11.2529, 12.1462, 14.3217



13.2033, 15.4305, 38.2388



0.7450, 0.9238, 1.9940

Inverse Universe

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



43.5884, 36.0286, 51.1132



68.3644, 53.1221, 79.9868



48.4443, 51.9887, 33.4693



11.5410, 11.3451, 13.3835



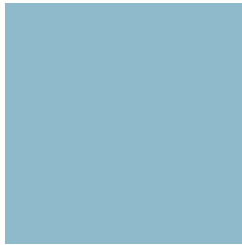
18.8753, 9.3607, 17.5939



1.0060, 0.4958, 1.0774

Previews

White Background



This preview shows how the XYZ color 39.7857, 45.3171, 63.7769 looks on a white background.

Color Contrast Check

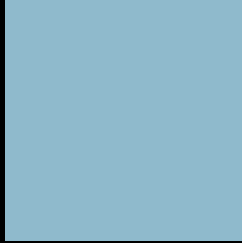
Large Text (above 18pt) WCAG AA × Fail

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 39.7857, 45.3171, 63.7769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

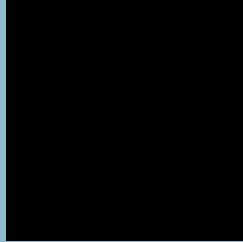
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7857, 45.3171, 63.7769

Background



This preview shows how black text looks on a background with the XYZ color 39.7857, 45.3171, 63.7769.



This preview shows how white text looks on a background with the XYZ color 39.7857, 45.3171,

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

39.7857, 45.3171, 63.7769

Protanopia

44.1337, 45.1944, 60.4301

Deuteranopia

45.9990, 45.1835, 64.6894



Tritanopia

39.2568, 45.0856, 61.8917

Trichromacy



Original Color

39.7857, 45.3171, 63.7769

Protanomaly

42.3763, 45.1573, 61.7411

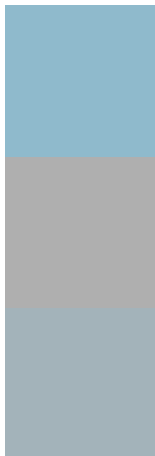
Deuteranomaly

43.2880, 44.9728, 64.1567

Tritanomaly

39.3749, 45.1329, 62.5134

Monochromacy



Original Color

39.7857, 45.3171, 63.7769

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.0873, 43.5719, 52.7518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7857, 45.3171, 63.7769 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(143, 186, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 204)  
}
```

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(143, 186, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 204) }
```

Border

The CSS property to change the border of an element to XYZ 39.7857, 45.3171, 63.7769 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(143, 186, 204) }
```


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

```
.border{ border-color:rgb(143, 186, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 186, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7857, 45.3171, 63.7769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 204) }
```

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

```
.background{ background-color: rgb(143,  
186, 204) }
```

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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