

Converting Colors

XYZ(34.8025, 39.6800, 55.7149)

Have a look what the booklet for
XYZ(34.8025, 39.6800, 55.7149)
contains.

XYZ(34.6759, 39.5340, 55.6724)	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(34.6759, 39.5340,
55.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	86AFC0
RGB	134, 175, 192
RGB Percent	53%, 69%, 75%
CMY	0.4745, 0.3137, 0.2471
CMYK	0.30, 0.09, 0.00, 0.25
HSL	198°, 32%, 64%
HSV	198°, 30%, 75%
XYZ	34.6759, 39.5340, 55.6724
YIQ	164.6790, -29.8930, -3.4050

Conversions

Conversions Part 2

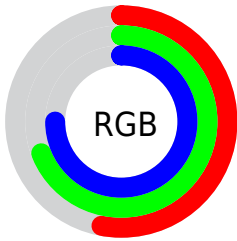
Format	Color
RYB	134, 158, 192
Decimal	8826816
CIELab	69.14, -9.69, -13.14
CIElCh	69, 16.330, 233.583
Yxy	39.5340, 0.2670, 0.3044
Android (android.graphics.Color)	4287016896 (0xFF86AFC0)
YUV	164.6790, 13.4693, -26.9055
Hunter-Lab	62.8761, -11.5911, -8.4839

Details

The XYZ color **34.6759, 39.5340, 55.6724** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1085, 35.0614, 27.3669**, and the grayscale version is **35.5593, 37.4111, 40.7407**.

A 20% lighter version of the original color is **66.5055, 74.7480, 99.7295**, and **15.2228, 17.8238, 27.0641** is the 20% darker color. If you saturate the color by 10%, you get **30.8169, 35.9534, 55.1853**, and if you desaturate by 10%, it is **39.1385, 43.4955, 56.2025**.

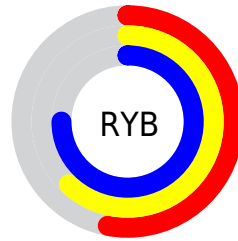
Distribution



Red (53%)

Green (69%)

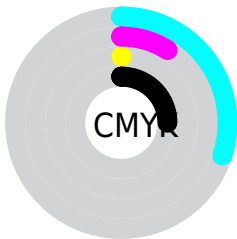
Blue (75%)



Red (53%)

Yellow (62%)

Blue (75%)

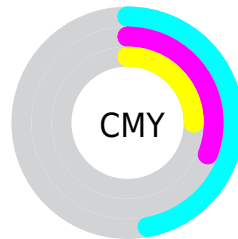


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6759, 39.5340, 55.6724 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 34.6759, 39.5340, 55.6724 by changing the saturation by 10% instead.

■ 34.6759, 39.5340,
55.6724

■ 34.6759, 39.5340,
55.6724

■ 314.6686,
344.1555, 425.8093

■ 23.5787, 27.1754,
39.5381

■ 66.3207, 74.4534,
100.0064

■ 15.1444, 17.7050,
26.8675

■ 87.5990, 97.7830,
129.0433

■ 9.0078, 10.7384,
17.2422

■ 113.0017,
125.5383, 163.2180

■ 4.8034, 5.8912,
10.2436

■ 142.8942,
158.1038, 202.9492

■ 2.1659, 2.7790,
5.4530

■ 177.6417,
195.8639, 248.6554

■ 0.7247, 1.0175,
2.4521

■ 217.6097,

■ 0.0000, 0.0000,

239.2030, 300.7551

0.8146

263.1636,
288.5054, 359.6669

■ 0.0000, 0.0000,
0.0000

■ 34.6759, 39.5340,
55.6724

■ 34.6759, 39.5340,
55.6724

■ 30.8169, 35.9534,
55.1853

■ 39.1385, 43.4955,
56.2025

■ 27.5273, 32.7323,
54.7370

■ 44.2296, 47.8485,
56.7744

■ 24.7748, 29.8542,
54.3265

■ 49.9767, 52.6091,
57.3904

■ 22.5222, 27.2991,
53.9521

■ 56.4048, 57.7909,
58.0518

■ 20.7271, 25.0443,
53.6114

■ 63.5374, 63.4068,
58.7598

■ 19.3397, 23.0631,
53.3022

■ 71.3971, 69.4690,
59.5157

■ 18.2808, 21.3383,
53.0251

■ 74.9007, 73.3581,
60.0817

■ 76.3530, 76.2627,
60.5658

■ 77.8550, 79.2668,
61.0665

Harmonies

Analogous

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



33.1635, 39.5340, 49.0530



34.6759, 39.5340, 55.6724



37.0180, 39.5340, 58.9584

Triad

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



34.6759, 39.5340, 55.6724



42.7844, 39.5340, 44.6715



35.6045, 39.5340, 31.1762

Complementary

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



34.6759, 39.5340, 55.6724



37.1085, 35.0614, 27.3669

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.



38.1393, 39.5340, 30.2897



34.6759, 39.5340, 55.6724



42.3632, 39.5340, 37.5502

Square

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



34.6759, 39.5340, 55.6724



41.7588, 39.5340, 52.1501



40.6332, 39.5340, 32.4891



33.6820, 39.5340, 35.0680

Rectangle

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



34.6759, 39.5340, 55.6724



38.7663, 39.5340, 58.5747



40.6332, 39.5340, 32.4891



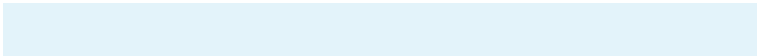
36.4101, 39.5340, 30.5370

Sweetspot

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



34.6771, 39.5356, 55.6733



81.1903, 87.5793, 102.9856



34.2220, 44.9844, 35.9176



17.1078, 18.5280, 22.0599



92.9021, 97.7402, 106.4391



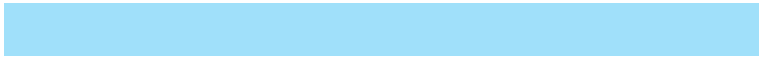
19.4759, 20.4902, 22.3138

Same Dimension

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



34.6771, 39.5356, 55.6733



58.2546, 67.4239, 100.3041



29.7133, 29.6080, 54.0187



10.1112, 10.9137, 12.8585



12.3708, 14.4981, 35.7030



0.5917, 0.7408, 1.5617

Inverse Universe

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



38.0022, 31.3528, 44.6079



65.3396, 50.7815, 76.5479



42.2492, 45.3427, 29.0805



10.3674, 10.1956, 12.0253



17.6402, 8.7458, 16.5491



0.7911, 0.3894, 0.8671

Previews

White Background



This preview shows how the XYZ color 34.6759, 39.5340, 55.6724 looks on a white background.

Color Contrast Check

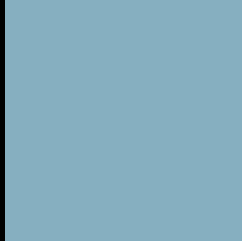
Large Text (above 18pt) WCAG AA × Fail

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 34.6759, 39.5340, 55.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

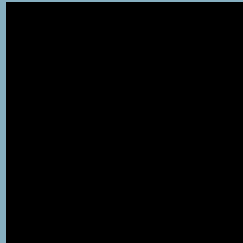
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6759, 39.5340, 55.6724

Background



This preview shows how black text looks on a background with the XYZ color 34.6759, 39.5340, 55.6724.



This preview shows how white text looks on a background with the XYZ color 34.6759, 39.5340,

55.6724.

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

34.6759, 39.5340, 55.6724

Protanopia

38.5142, 39.3323, 52.5757

Deuteranopia

40.0263, 39.2166, 56.4989



Tritanopia

34.1881, 39.3206, 53.9318

Trichromacy



Original Color

34.6759, 39.5340, 55.6724

Protanomaly

36.8865, 39.2936, 53.7844

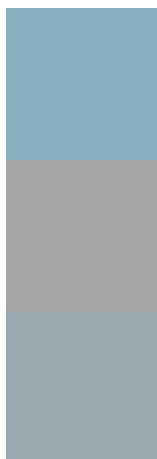
Deuteranomaly

37.7288, 39.1246, 56.0154

Tritanomaly

34.2971, 39.3642, 54.5056

Monochromacy



Original Color

34.6759, 39.5340, 55.6724

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.2523, 38.3411, 46.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6759, 39.5340, 55.6724 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(134, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 175, 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(134, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 175, 192) }
```

Border

The CSS property to change the border of an element to XYZ 34.6759, 39.5340, 55.6724 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(134, 175, 192) }
```


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

```
.border{ border-color:rgb(134, 175, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 175, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(134, 175,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6759, 39.5340, 55.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 175, 192) }
```

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

```
.background{ background-color: rgb(134,  
175, 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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