

Converting Colors

XYZ(34.0796, 40.2277, 55.0268)

Have a look what the booklet for
XYZ(34.0796, 40.2277, 55.0268)
contains.

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Color

**XYZ(34.0768, 40.1144,
55.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB2BF
RGB	127, 178, 191
RGB Percent	50%, 70%, 75%
CMY	0.5019, 0.3019, 0.2510
CMYK	0.34, 0.07, 0.00, 0.25
HSL	192°, 33%, 62%
HSV	192°, 34%, 75%
XYZ	34.0768, 40.1144, 55.2370
YIQ	164.2330, -34.5690, -6.7690

Conversions

Conversions Part 2

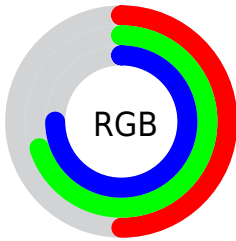
Format	Color
RYB	127, 155, 191
Decimal	8368831
CIELab	69.55, -13.55, -12.01
CIElCh	70, 18.106, 221.545
Yxy	40.1144, 0.2633, 0.3099
Android (android.graphics.Color)	4286558911 (0xFF7FB2BF)
YUV	164.2330, 13.1961, -32.6533
Hunter-Lab	63.3359, -14.7990, -7.3733

Details

The XYZ color **34.0768, 40.1144, 55.2370** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.6954, 31.3654, 24.3053**, and the grayscale version is **35.3494, 37.1904, 40.5003**.

A 20% lighter version of the original color is **65.5027, 75.5061, 99.1175**, and **14.8227, 17.9981, 26.7375** is the 20% darker color. If you saturate the color by 10%, you get **30.7367, 37.2638, 54.8635**, and if you desaturate by 10%, it is **37.9804, 43.2899, 55.6449**.

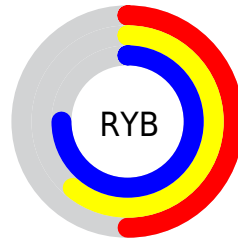
Distribution



Red (50%)

Green (70%)

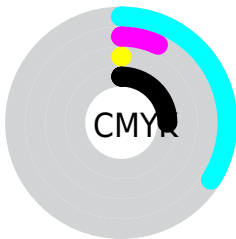
Blue (75%)



Red (50%)

Yellow (61%)

Blue (75%)

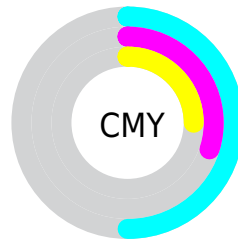


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0768, 40.1144, 55.2370 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 34.0768, 40.1144, 55.2370 by changing the saturation by 10% instead.

■ 34.0768, 40.1144,
55.2370

■ 34.0768, 40.1144,
55.2370

312.0543,
346.6055, 424.1169

■ 23.1158, 27.6278,
39.1916

■ 65.3966, 75.3377,
99.3627

■ 14.8002, 18.0452,
26.5999

■ 86.4860, 98.8431,
128.2802

■ 8.7647, 10.9825,
17.0432

■ 111.6824,
126.7903, 162.3254

■ 4.6439, 6.0551,
10.1030

141.3509,
159.5635, 201.9169

■ 2.0725, 2.8786,
5.3608

175.8570,
197.5473, 247.4733

■ 0.6742, 1.0687,
2.3981

215.5660,

■ 0.0000, 0.0000,

241.1259, 299.4131

0.7854

260.8433,
290.6839, 358.1548

■ 0.0000, 0.0000,
0.0000

■ 34.0768, 40.1144,
55.2370

■ 34.0768, 40.1144,
55.2370

■ 30.7367, 37.2638,
54.8635

■ 37.9804, 43.2899,
55.6449

■ 27.9257, 34.7171,
54.5201

■ 42.4722, 46.8003,
56.0857

■ 25.6113, 32.4583,
54.2061

■ 47.5798, 50.6610,
56.5617

■ 23.7556, 30.4675,
53.9196

■ 53.3279, 54.8852,
57.0741

■ 22.3151, 28.7222,
53.6587

■ 59.7399, 59.4850,
57.6240

■ 21.2375, 27.1950,
53.4207

■ 66.8379, 64.4721,
58.2125

■ 20.6663, 26.2860,
53.2753

■ 72.5132, 68.7598,
58.7410

■ 73.4536, 70.6407,
59.0545

■ 74.4173, 72.5680,
59.3757

Harmonies

Analogous

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



32.8855, 40.1144, 46.9766



34.0768, 40.1144, 55.2370



36.3772, 40.1144, 60.7803

Triad

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



34.0768, 40.1144, 55.2370



43.7068, 40.1144, 48.9697



37.0145, 40.1144, 29.7382

Complementary

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



34.0768, 40.1144, 55.2370



34.6954, 31.3654, 24.3053

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.



39.9331, 40.1144, 30.1282



34.0768, 40.1144, 55.2370



43.8990, 40.1144, 40.5371

Square

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



34.0768, 40.1144, 55.2370



41.9748, 40.1144, 56.8555



42.4872, 40.1144, 33.8553



34.5228, 40.1144, 32.7119

Rectangle

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



34.0768, 40.1144, 55.2370



38.2792, 40.1144, 61.8097



42.4872, 40.1144, 33.8553



37.9763, 40.1144, 29.4916

Sweetspot

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



34.0780, 40.1160, 55.2379



79.0049, 86.0626, 100.7269



32.1030, 43.6620, 31.4704



17.0713, 18.6872, 22.0925



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.



34.0780, 40.1160, 55.2379



56.6686, 68.1492, 98.4465



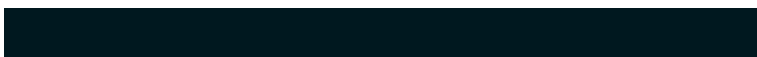
28.4671, 28.8942, 53.3676



9.6396, 10.4714, 12.1853



13.6398, 17.3912, 35.0309



0.5767, 0.7661, 1.3863

Inverse Universe

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



37.1121, 29.4706, 45.8535



63.0361, 46.7067, 78.5509



40.0319, 42.0386, 26.0841



9.8447, 9.6622, 11.5710



17.8855, 8.7853, 20.4884



0.7220, 0.3527, 0.9153

Previews

White Background



This preview shows how the XYZ color 34.0768, 40.1144, 55.2370 looks on a white background.

Color Contrast Check

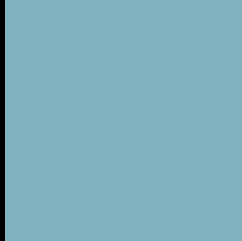
Large Text (above 18pt) WCAG AA × Fail

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 34.0768, 40.1144, 55.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

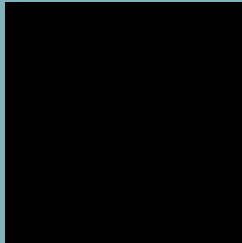
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0768, 40.1144, 55.2370

Background



This preview shows how black text looks on a background with the XYZ color 34.0768, 40.1144, 55.2370.



This preview shows how white text looks on a background with the XYZ color 34.0768, 40.1144,

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

34.0768, 40.1144, 55.2370

Protanopia

38.9080, 39.8329, 51.5368

Deuteranopia

40.6483, 39.8040, 56.5795



Tritanopia

34.1872, 40.1586, 55.8187

Trichromacy



Original Color

34.0768, 40.1144, 55.2370

Protanomaly

36.8590, 39.8652, 52.7658

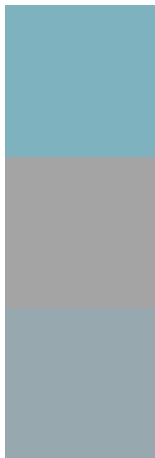
Deuteranomaly

37.9050, 39.7678, 56.1302

Tritanomaly

34.1872, 40.1586, 55.8187

Monochromacy



Original Color

34.0768, 40.1144, 55.2370

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.5904, 38.0112, 45.5582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0768, 40.1144, 55.2370 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, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(127, 178, 191)  
}
```

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, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 178, 191) }
```

Border

The CSS property to change the border of an element to XYZ 34.0768, 40.1144, 55.2370 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, 178, 191) }
```


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

```
.border{ border-color:rgb(127, 178, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(127, 178,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0768, 40.1144, 55.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 178, 191) }
```

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

```
.background{ background-color: rgb(127,  
178, 191) }
```

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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