

Converting Colors

XYZ(35.2058, 41.1494, 54.8568)

Have a look what the booklet for
XYZ(35.2058, 41.1494, 54.8568)
contains.

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Color

**XYZ(35.0872, 40.9445,
54.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	85B3BE
RGB	133, 179, 190
RGB Percent	52%, 70%, 75%
CMY	0.4784, 0.2980, 0.2549
CMYK	0.30, 0.06, 0.00, 0.25
HSL	192°, 30%, 63%
HSV	192°, 30%, 75%
XYZ	35.0872, 40.9445, 54.7690
YIQ	166.5000, -30.9470, -6.3310

Conversions

Conversions Part 2

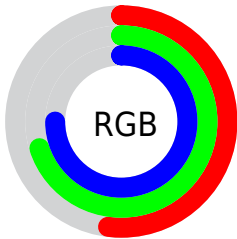
Format	Color
R _{YB}	133, 158, 190
Decimal	8762302
CIE Lab	70.14, -12.60, -10.55
CIE LCh	70, 16.431, 219.927
Yxy	40.9445, 0.2682, 0.3130
Android (android.graphics.Color)	4286952382 (0xFF85B3BE)
YUV	166.5000, 11.5855, -29.3795
Hunter-Lab	63.9879, -14.0999, -5.9564

Details

The XYZ color **35.0872, 40.9445, 54.7690** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.4425, 32.5873, 26.6130**, and the grayscale version is **36.4449, 38.3429, 41.7554**.

A 20% lighter version of the original color is **67.0819, 76.7618, 98.4697**, and **15.3696, 18.4772, 26.4233** is the 20% darker color. If you saturate the color by 10%, you get **31.6299, 38.0869, 54.4003**, and if you desaturate by 10%, it is **39.1091, 44.1242, 55.1715**.

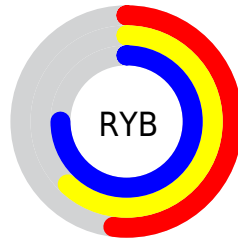
Distribution



Red (52%)

Green (70%)

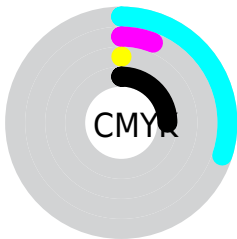
Blue (75%)



Red (52%)

Yellow (62%)

Blue (75%)

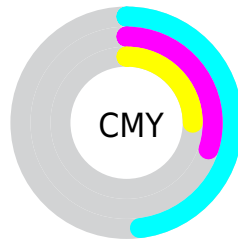


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0872, 40.9445, 54.7690 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 35.0872, 40.9445, 54.7690 by changing the saturation by 10% instead.

■ 35.0872, 40.9445,
54.7690

■ 35.0872, 40.9445,
54.7690

316.4543,
350.0886, 422.2929

■ 23.8969, 28.2757,
38.8195

■ 66.9540, 76.5996,
98.6702

■ 15.3815, 18.5336,
26.3126

■ 88.3611, 100.3548,
127.4589

■ 9.1756, 11.3338,
16.8297

■ 113.9046,
128.5742, 161.3644

■ 4.9139, 6.2918,
9.9525

143.9498,
161.6422, 200.8053

■ 2.2311, 3.0233,
5.2623

178.8620,
199.9433, 246.2000

■ 0.7590, 1.1439,
2.3405

219.0066,

■ 0.0000, 0.0152,

243.8618, 297.9672

0.7538

264.7489,
293.7821, 356.5253

■ 0.0000, 0.0000,
0.0000

■ 35.0872, 40.9445,
54.7690

■ 35.0872, 40.9445,
54.7690

■ 31.6299, 38.0869,
54.4003

■ 39.1091, 44.1242,
55.1715

■ 28.7040, 35.5310,
54.0612

■ 43.7192, 47.6353,
55.6062

■ 26.2787, 33.2617,
53.7510

■ 48.9440, 51.4928,
56.0754

■ 24.3182, 31.2604,
53.4681

■ 54.8075, 55.7091,
56.5802

■ 22.7817, 29.5058,
53.2104

■ 61.3322, 60.2963,
57.1217

■ 21.6213, 27.9729,
52.9756

■ 68.5397, 65.2654,
57.7010

■ 20.7417, 26.6124,
52.7594

■ 72.2857, 68.4804,
58.1241

■ 20.7417, 26.6123,
52.7594

■ 73.1711, 70.2512,
58.4192

■ 74.0772, 72.0633,
58.7212

Harmonies

Analogous

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



34.0457, 40.9445, 47.1814



35.0872, 40.9445, 54.7690



37.1699, 40.9445, 59.9745

Triad

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



35.0872, 40.9445, 54.7690



43.9740, 40.9445, 49.8557



38.0326, 40.9445, 31.5365

Complementary

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



35.0872, 40.9445, 54.7690



35.4425, 32.5873, 26.6130

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.



40.7170, 40.9445, 32.0774



35.0872, 40.9445, 54.7690



44.2311, 40.9445, 42.0791

Square

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



35.0872, 40.9445, 54.7690



42.3277, 40.9445, 56.9193



43.0148, 40.9445, 35.7430



35.6937, 40.9445, 34.1695

Rectangle

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



35.0872, 40.9445, 54.7690



38.9099, 40.9445, 61.0765



43.0148, 40.9445, 35.7430



38.9231, 40.9445, 31.3610

Sweetspot

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



35.0884, 40.9461, 54.7699



79.9885, 86.8928, 100.8353



33.0792, 43.8111, 32.8794



17.2761, 18.8646, 22.1160



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.



35.0884, 40.9461, 54.7699



59.3469, 70.7248, 98.8025



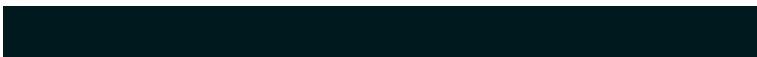
30.0426, 30.8544, 53.0880



9.6479, 10.4881, 12.1881



13.8467, 17.8051, 35.0998



0.5832, 0.7792, 1.3885

Inverse Universe

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



37.7604, 30.9778, 46.6389



65.0668, 50.1181, 81.2319



40.2126, 42.1274, 28.2030



9.8489, 9.6639, 11.5932



17.9899, 8.8271, 21.0385



0.7253, 0.3540, 0.9327

Previews

White Background



This preview shows how the XYZ color 35.0872, 40.9445, 54.7690 looks on a white background.

Color Contrast Check

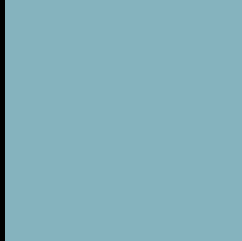
Large Text (above 18pt) WCAG AA × Fail

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 35.0872, 40.9445, 54.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

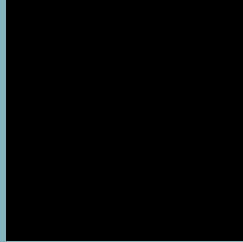
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0872, 40.9445, 54.7690

Background



This preview shows how black text looks on a background with the XYZ color 35.0872, 40.9445, 54.7690.

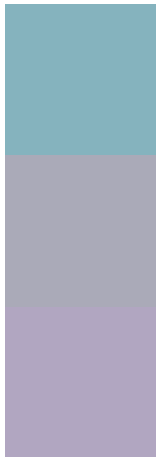


This preview shows how white text looks on a background with the XYZ color 35.0872, 40.9445,

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

35.0872, 40.9445, 54.7690

Protanopia

39.6040, 40.7562, 51.1268

Deuteranopia

41.3933, 40.4698, 56.0819



Tritanopia

35.5773, 41.1588, 56.5214

Trichromacy



Original Color

35.0872, 40.9445, 54.7690

Protanomaly

37.7111, 40.6004, 52.3034

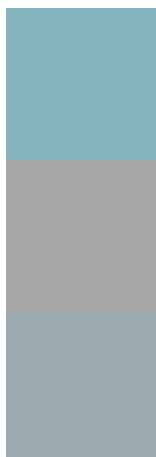
Deuteranomaly

38.7753, 40.5087, 55.6444

Tritanomaly

35.4660, 41.1143, 55.9358

Monochromacy



Original Color

35.0872, 40.9445, 54.7690

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.8183, 39.1895, 46.2339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0872, 40.9445, 54.7690 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(133, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(133, 179, 190)  
}
```

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(133, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 179, 190) }
```

Border

The CSS property to change the border of an element to XYZ 35.0872, 40.9445, 54.7690 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(133, 179, 190) }
```


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

```
.border{ border-color:rgb(133, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(133, 179,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0872, 40.9445, 54.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 179, 190) }
```

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

```
.background{ background-color: rgb(133,  
179, 190) }
```

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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