

Converting Colors

XYZ(35.0098, 39.9533, 51.7662)

Have a look what the booklet for
XYZ(35.0098, 39.9533, 51.7662)
contains.

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Color

**XYZ(35.0975, 40.1289,
51.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB0B9
RGB	140, 176, 185
RGB Percent	55%, 69%, 73%
CMY	0.4510, 0.3098, 0.2745
CMYK	0.24, 0.05, 0.00, 0.27
HSL	192°, 24%, 64%
HSV	192°, 24%, 73%
XYZ	35.0975, 40.1289, 51.7948
YIQ	166.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

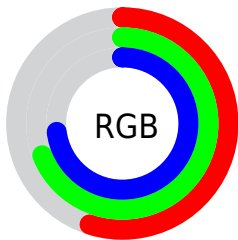
Format	Color
R_{YB}	140, 160, 185
Decimal	9220281
CIE _{Lab}	69.56, -10.08, -8.61
CIE _{LCh}	70, 13.256, 220.478
Yxy	40.1289, 0.2763, 0.3159
Android (android.graphics.Color)	4287410361 (0xFF8CB0B9)
YUV	166.2620, 9.2378, -23.0318
Hunter-Lab	63.3474, -11.9603, -4.1342

Details

The XYZ color **35.0975, 40.1289, 51.7948** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.4891, 33.7028, 29.4466**, and the grayscale version is **36.3383, 38.2307, 41.6333**.

A 20% lighter version of the original color is **66.9819, 75.5334, 94.2682**, and **15.3676, 17.9557, 24.4856** is the 20% darker color. If you saturate the color by 10%, you get **31.5233, 37.2252, 51.4234**, and if you desaturate by 10%, it is **39.2179, 43.3456, 52.1992**.

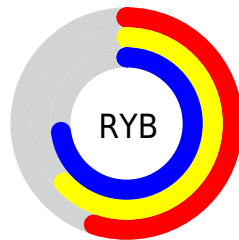
Distribution



Red (55%)

Green (69%)

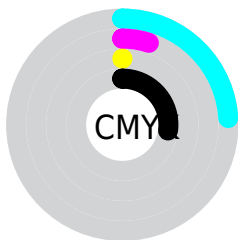
Blue (73%)



Red (55%)

Yellow (63%)

Blue (73%)

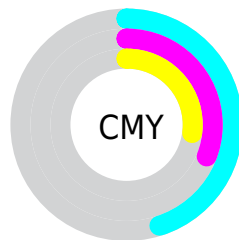


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (45%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0975, 40.1289, 51.7948 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 35.0975, 40.1289, 51.7948 by changing the saturation by 10% instead.


 35.0975, 40.1289,
51.7948


 35.0975, 40.1289,
51.7948

316.4990,
346.6666, 410.5783


 23.9049, 27.6391,
36.4604


 66.9698, 75.3598,
94.2520

 15.3874, 18.0538,
24.4975

 88.3802, 98.8696,
122.2120

 9.1798, 10.9886,
15.4875


 113.9272,
126.8215, 155.2175

 4.9167, 6.0592,
9.0118

143.9762,
159.5999, 193.6872

 2.2327, 2.8811,
4.6520

178.8925,
197.5892, 238.0396

 0.7599, 1.0700,
1.9894

219.0415,

 0.0000, 0.0000,

241.1739, 288.6932

0.5487

264.7885,
290.7382, 346.0666

■ 0.0000, 0.0000,
0.0000

■ 35.0975, 40.1289,
51.7948

■ 35.0975, 40.1289,
51.7948

■ 31.5233, 37.2252,
51.4234

■ 39.2179, 43.3456,
52.1992

■ 28.4655, 34.6158,
51.0809

■ 43.9056, 46.8832,
52.6349

■ 25.8965, 32.2873,
50.7668

■ 49.1846, 50.7555,
53.1041

■ 23.7850, 30.2233,
50.4797

■ 55.0767, 54.9739,
53.6078

■ 22.0957, 28.4053,
50.2178

■ 61.6024, 59.5491,
54.1470

■ 20.7879, 26.8121,
49.9793

■ 68.7813, 64.4916,
54.7226

■ 19.8124, 25.4183,
49.7616

■ 71.0936, 66.9559,
55.0764

■ 19.3485, 24.6857,
49.6447

■ 71.9715, 68.7116,
55.3690

■ 72.8702, 70.5091,
55.6686

Harmonies

Analogous

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



34.2382, 40.1289, 45.8708



35.0975, 40.1289, 51.7948



36.7833, 40.1289, 55.7625

Triad

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



35.0975, 40.1289, 51.7948



42.1507, 40.1289, 47.7493



37.3982, 40.1289, 33.1041

Complementary

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



35.0975, 40.1289, 51.7948



35.4891, 33.7028, 29.4466

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.



39.5323, 40.1289, 33.5052



35.0975, 40.1289, 51.7948



42.3304, 40.1289, 41.5863

Square

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



35.0975, 40.1289, 51.7948



40.8740, 40.1289, 53.2800



41.3562, 40.1289, 36.4844



35.5332, 40.1289, 35.3320

Rectangle

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



35.0975, 40.1289, 51.7948



38.1756, 40.1289, 56.5626



41.3562, 40.1289, 36.4844



38.1070, 40.1289, 32.9414

Sweetspot

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



35.0987, 40.1305, 51.7957



76.1856, 82.1386, 94.0435



33.5301, 42.4202, 34.5423



16.3147, 17.6253, 20.2638



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.0987, 40.1305, 51.7957



59.4438, 69.1247, 92.4140



31.1699, 32.2729, 50.4861



9.1100, 9.8973, 11.5097



13.2265, 16.9128, 33.8204



0.5056, 0.6749, 1.2054

Inverse Universe

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



37.2231, 32.2060, 45.3306



63.9433, 52.7725, 78.6241



39.2577, 41.2400, 30.7028



9.3019, 9.1311, 10.9371



17.2898, 8.4897, 19.9448



0.6294, 0.3072, 0.8077

Previews

White Background



This preview shows how the XYZ color 35.0975, 40.1289, 51.7948 looks on a white background.

Color Contrast Check

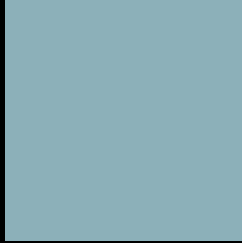
Large Text (above 18pt) WCAG AA × Fail

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 35.0975, 40.1289, 51.7948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

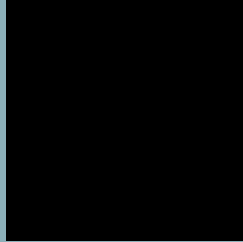
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0975, 40.1289, 51.7948

Background



This preview shows how black text looks on a background with the XYZ color 35.0975, 40.1289, 51.7948.



This preview shows how white text looks on a background with the XYZ color 35.0975, 40.1289,

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

35.0975, 40.1289, 51.7948

Protanopia

38.6030, 39.7356, 48.8151

Deuteranopia

40.7849, 39.9631, 52.5778



Tritanopia

35.4998, 39.9968, 53.9932

Trichromacy



Original Color

35.0975, 40.1289, 51.7948

Protanomaly

37.1070, 39.7723, 49.9770

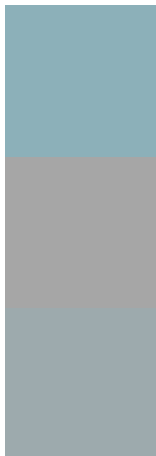
Deuteranomaly

38.3607, 39.8136, 52.1173

Tritanomaly

35.3916, 39.9535, 53.4234

Monochromacy



Original Color

35.0975, 40.1289, 51.7948

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8222, 38.9347, 45.1623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0975, 40.1289, 51.7948 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(140, 176, 185)` looks like.

```
.text, #text, p{  
    color:rgb(140, 176, 185)  
}
```

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(140, 176, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 176, 185) }
```

Border

The CSS property to change the border of an element to XYZ 35.0975, 40.1289, 51.7948 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(140, 176, 185) }
```


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

```
.border{ border-color:rgb(140, 176, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 176, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(140, 176,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0975, 40.1289, 51.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 176, 185) }
```

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

```
.background{ background-color: rgb(140,  
176, 185) }
```

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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