

Converting Colors

XYZ(40.0232, 53.3631, 52.3111)

Have a look what the booklet for
XYZ(40.0232, 53.3631, 52.3111)
contains.

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Color

**XYZ(40.1460, 53.5675,
52.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	80D1B6
RGB	128, 209, 182
RGB Percent	50%, 82%, 71%
CMY	0.4980, 0.1804, 0.2863
CMYK	0.39, 0.00, 0.13, 0.18
HSL	160°, 47%, 66%
HSV	160°, 39%, 82%
XYZ	40.1460, 53.5675, 52.4796
YIQ	181.7030, -39.6090, -25.5690

Conversions

Conversions Part 2

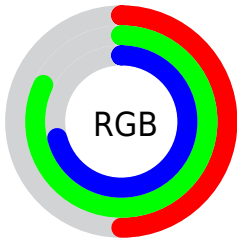
Format	Color
RYB	128, 177, 209
Decimal	8442294
CIELab	78.21, -30.92, 5.62
CIELCh	78, 31.429, 169.701
Yxy	53.5675, 0.2746, 0.3664
Android (android.graphics.Color)	4286632374 (0xFF80D1B6)
YUV	181.7030, 0.1464, -47.0975
Hunter-Lab	73.1898, -30.1716, 8.7199

Details

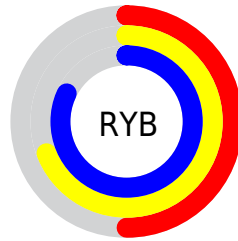
The XYZ color **40.1460, 53.5675, 52.4796** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.9318, 31.3615, 34.9610**, and the grayscale version is **44.3177, 46.6257, 50.7754**.

A 20% lighter version of the original color is **70.9598, 87.8834, 94.1121**, and **18.3421, 26.1520, 24.8500** is the 20% darker color. If you saturate the color by 10%, you get **36.6183, 51.8314, 48.6496**, and if you desaturate by 10%, it is **44.3600, 55.6560, 56.5310**.

Distribution



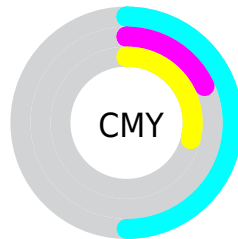
- Red (50%)
- Green (82%)
- Blue (71%)



- Red (50%)
- Yellow (69%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)




- Cyan (50%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1460, 53.5675, 52.4796 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 40.1460, 53.5675, 52.4796 by changing the saturation by 10% instead.


 40.1460, 53.5675,
52.4796


 40.1460, 53.5675,
52.4796

337.8624,
400.4586, 413.2949


 27.8371, 38.2560,
37.0026


 74.6687, 95.4389,
95.2719

 18.3427, 26.1814,
24.9137


 97.6133, 122.7676,
123.4244

 11.2975, 16.9594,
15.7943


 124.8337,
154.8708, 156.6391

 6.3361, 10.2056,
9.2260

156.6955,
192.1330, 195.3345

 3.0931, 5.5355,
4.7900

193.5639,
234.9384, 239.9293

 1.2032, 2.5647,
2.0680

235.8042,

 0.1089, 0.9090,

283.6716, 290.8419

0.5966

283.7820,
338.7169, 348.4909

■ 0.0000, 0.0000,
0.0000

■ 40.1460, 53.5675,
52.4796

■ 40.1460, 53.5675,
52.4796

■ 36.6183, 51.8314,
48.6496

■ 44.3600, 55.6560,
56.5310

■ 33.7319, 50.4205,
45.0329

■ 49.2929, 58.1096,
60.8047

■ 31.4432, 49.3137,
41.6257

■ 54.9807, 60.9480,
65.3059

■ 29.7012, 48.4847,
38.4229

■ 61.4554, 64.1878,
70.0387

■ 28.4458, 47.9027,
35.4188

■ 68.7473, 67.8444,
75.0070

■ 27.5822, 47.5189,
32.6060

■ 76.8850, 71.9327,
80.2146

■ 27.4859, 47.4766,
32.2685

■ 78.4331, 72.6195,
85.3159

■ 79.4358, 73.0206,
90.5961

■ 80.4781, 73.4375,
96.0849

Harmonies

Analogous

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



42.4196, 53.5675, 39.0538



40.1460, 53.5675, 52.4796



40.5756, 53.5675, 70.5003

Triad

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



40.1460, 53.5675, 52.4796



55.0045, 53.5675, 96.3610



58.9497, 53.5675, 36.1268

Complementary

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



40.1460, 53.5675, 52.4796



39.9318, 31.3615, 34.9610

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.



62.8751, 53.5675, 47.6405



40.1460, 53.5675, 52.4796



60.4734, 53.5675, 83.0791

Square

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



40.1460, 53.5675, 52.4796



48.8298, 53.5675, 98.3822



63.4541, 53.5675, 64.5910



53.0573, 53.5675, 30.9534

Rectangle

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



40.1460, 53.5675, 52.4796



42.3494, 53.5675, 82.7367



63.4541, 53.5675, 64.5910



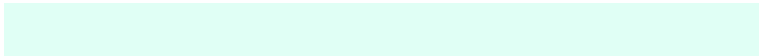
60.5625, 53.5675, 39.2615

Sweetspot

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



40.1475, 53.5697, 52.4808



83.0754, 94.0116, 99.9932



40.4765, 54.2646, 28.7636



17.5261, 19.9948, 21.2020



0.0000, 0.0000, 0.0000



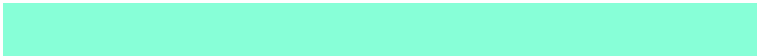
20.3446, 21.4041, 23.3091

Same Dimension

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



40.1475, 53.5697, 52.4808



58.0477, 81.5921, 77.0114



40.3446, 49.0591, 67.6671



11.9838, 13.3373, 14.2713



16.9937, 29.2904, 20.1446



0.9862, 1.6521, 1.3159

Inverse Universe

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



39.9318, 31.3615, 34.9610



57.6729, 41.7290, 45.6251



39.5924, 33.9152, 24.8824



11.9690, 11.8723, 13.1124



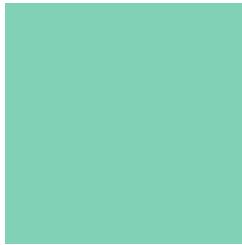
16.9287, 8.6443, 4.5310



0.9831, 0.4979, 0.4457

Previews

White Background



This preview shows how the XYZ color 40.1460, 53.5675, 52.4796 looks on a white background.

Color Contrast Check

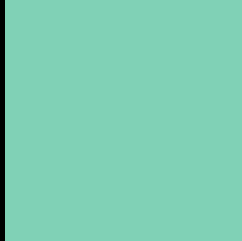
Large Text (above 18pt) WCAG AA × Fail

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 40.1460, 53.5675, 52.4796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

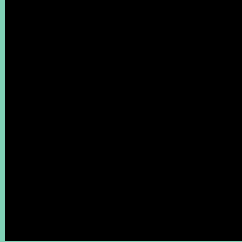
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1460, 53.5675, 52.4796

Background



This preview shows how black text looks on a background with the XYZ color 40.1460, 53.5675, 52.4796.



This preview shows how white text looks on a background with the XYZ color 40.1460, 53.5675,

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

40.1460, 53.5675, 52.4796

Protanopia

50.2119, 52.9958, 47.1179

Deuteranopia

53.9691, 52.8518, 54.3706



Tritanopia

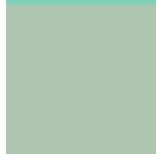
44.8277, 53.6714, 75.7071

Trichromacy



Original Color

40.1460, 53.5675, 52.4796



Protanomaly

45.4861, 52.5214, 48.8146



Deuteranomaly

47.3401, 52.0314, 53.4469



Tritanomaly

43.0434, 53.6672, 66.4827

Monochromacy



Original Color

40.1460, 53.5675, 52.4796



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.1934, 48.7581, 51.4434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1460, 53.5675, 52.4796 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(128, 209, 182)` looks like.

```
.text, #text, p{  
    color:rgb(128, 209, 182)  
}
```

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(128, 209, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 209, 182) }
```

Border

The CSS property to change the border of an element to XYZ 40.1460, 53.5675, 52.4796 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(128, 209, 182) }
```


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

```
.border{ border-color:rgb(128, 209, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 209, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 209, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 209, 182); box-shadow:4px 4px 4px 4px rgb(128, 209, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1460, 53.5675, 52.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 209, 182) }
```

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

```
.background{ background-color: rgb(128,  
209, 182) }
```

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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