

Converting Colors

XYZ(32.9052, 40.6770, 50.1076)

Have a look what the booklet for
XYZ(32.9052, 40.6770, 50.1076)
contains.

XYZ(33.0566, 40.8982, 50.4079)	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(33.0566, 40.8982,
50.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	79B6B6
RGB	121, 182, 182
RGB Percent	47%, 71%, 71%
CMY	0.5255, 0.2863, 0.2863
CMYK	0.34, 0.00, 0.00, 0.29
HSL	180°, 29%, 59%
HSV	180°, 34%, 71%
XYZ	33.0566, 40.8982, 50.4079
YIQ	163.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

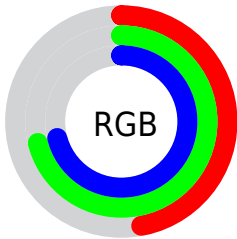
Format	Color
RYB	121, 152, 182
Decimal	7976630
CIELab	70.10, -19.52, -6.26
CIElCh	70, 20.498, 197.790
Yxy	40.8982, 0.2658, 0.3289
Android (android.graphics.Color)	4286166710 (0xFF79B6B6)
YUV	163.7610, 8.9918, -37.5014
Hunter-Lab	63.9517, -19.6489, -1.9673

Details

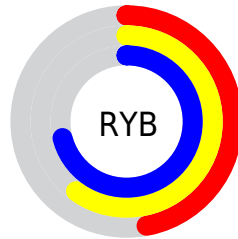
The XYZ color **33.0566, 40.8982, 50.4079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **29.5814, 25.0015, 21.3573**, and the grayscale version is **35.1450, 36.9753, 40.2661**.

A 20% lighter version of the original color is **63.9116, 76.5522, 92.2965**, and **14.1966, 18.5144, 23.5943** is the 20% darker color. If you saturate the color by 10%, you get **30.7431, 39.7066, 50.3002**, and if you desaturate by 10%, it is **35.8537, 42.3412, 50.5400**.

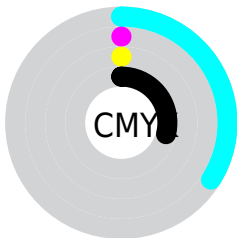
Distribution



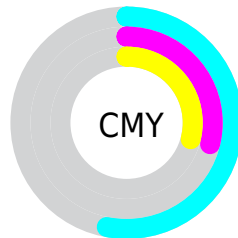
- Red (47%)
- Green (71%)
- Blue (71%)



- Red (47%)
- Yellow (60%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)





- Cyan (53%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0566, 40.8982, 50.4079 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 33.0566, 40.8982, 50.4079 by changing the saturation by 10% instead.


 33.0566, 40.8982,
50.4079


 33.0566, 40.8982,
50.4079


307.5652,
349.8950, 405.0396


 22.3293, 28.2395,
35.3642


 63.8180, 76.5293,
92.1815

 14.2170, 18.5063,
23.6577


 84.5827, 100.2706,
119.7484

 8.3544, 11.3141,
14.8701

 109.4239,
128.4749, 152.3268

 4.3763, 6.2785,
8.5826

138.7070,
161.5265, 190.3351

 1.9171, 3.0152,
4.3769

172.7974,
199.8100, 234.1921

 0.5868, 1.1397,
1.8343

212.0603,

 0.0000, 0.0116,

243.7096, 284.3161

0.4504

256.8611,
293.6098, 341.1258

■ 0.0000, 0.0000,
0.0000

■ 33.0566, 40.8982,
50.4079

■ 33.0566, 40.8982,
50.4079

■ 30.7431, 39.7066,
50.3002

■ 35.8537, 42.3412,
50.5400

■ 28.8824, 38.7474,
50.2128

■ 39.1558, 44.0435,
50.6948

■ 27.4460, 38.0069,
50.1453

■ 42.9875, 46.0187,
50.8744

■ 26.4005, 37.4679,
50.0961

■ 47.3704, 48.2782,
51.0799

■ 25.7074, 37.1106,
50.0634

■ 52.3252, 50.8325,
51.3120

■ 25.3208, 36.9113,
50.0450

■ 57.8715, 53.6917,
51.5719

■ 25.1719, 36.8345,
50.0378

■ 64.0278, 56.8654,
51.8603

■ 66.4127, 58.0949,
51.9722

■ 66.4128, 58.0949,
51.9725

Harmonies

Analogous

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



32.9112, 40.8982, 40.7427



33.0566, 40.8982, 50.4079



34.7039, 40.8982, 59.6386

Triad

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



33.0566, 40.8982, 50.4079



43.8409, 40.8982, 58.1093



40.2507, 40.8982, 28.8262

Complementary

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



33.0566, 40.8982, 50.4079



29.5814, 25.0015, 21.3573

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.



43.3623, 40.8982, 32.2183



33.0566, 40.8982, 50.4079



45.5135, 40.8982, 48.5475

Square

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



33.0566, 40.8982, 50.4079



40.8737, 40.8982, 64.5053



45.3335, 40.8982, 39.1300



36.9377, 40.8982, 29.1753

Rectangle

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



33.0566, 40.8982, 50.4079



36.4883, 40.8982, 63.8843



45.3335, 40.8982, 39.1300



41.3583, 40.8982, 29.5440

Sweetspot

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



33.0578, 40.8998, 50.4088



73.2025, 80.9897, 92.0096



28.2088, 38.9768, 24.1266



15.9603, 17.7810, 20.3123



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.



33.0578, 40.8998, 50.4088



56.8404, 72.5548, 91.2422



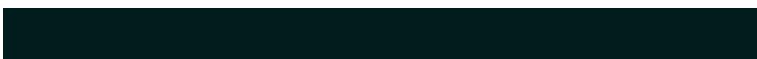
27.6422, 30.0682, 48.6046



9.2667, 10.2107, 11.5618



17.7754, 26.0111, 35.3348



0.6266, 0.9170, 1.2457

Inverse Universe

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



29.5814, 25.0015, 21.3573



49.5959, 39.4246, 30.7023



33.7277, 33.2943, 22.7389



9.0046, 9.0122, 9.3719



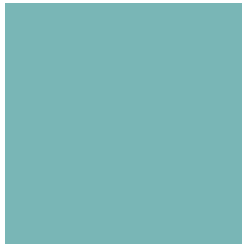
13.6234, 7.0231, 0.6377



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 33.0566, 40.8982, 50.4079 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 33.0566, 40.8982, 50.4079 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

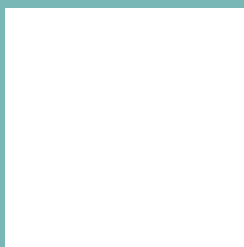
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0566, 40.8982, 50.4079

Background



This preview shows how black text looks on a background with the XYZ color 33.0566, 40.8982, 50.4079.

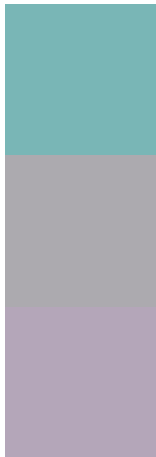


This preview shows how white text looks on a background with the XYZ color 33.0566, 40.8982,

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

33.0566, 40.8982, 50.4079

Protanopia

39.1258, 40.6153, 46.3348

Deuteranopia

41.2156, 40.4785, 51.5398



Tritanopia

34.4838, 40.8677, 57.7005

Trichromacy



Original Color

33.0566, 40.8982, 50.4079

Protanomaly

36.3088, 40.2588, 47.9765

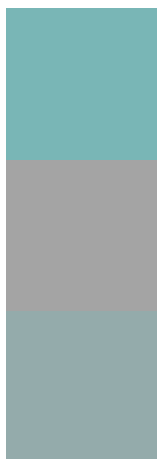
Deuteranomaly

37.7023, 40.3367, 51.1460

Tritanomaly

33.9865, 40.9764, 54.8332

Monochromacy



Original Color

33.0566, 40.8982, 50.4079

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.1263, 38.3620, 44.1340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0566, 40.8982, 50.4079 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(121, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(121, 182, 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(121, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 33.0566, 40.8982, 50.4079 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(121, 182, 182) }
```


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

```
.border{ border-color:rgb(121, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(121, 182,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0566, 40.8982, 50.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 182, 182) }
```

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

```
.background{ background-color: rgb(121,  
182, 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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