

Converting Colors

XYZ(32.3539, 40.8007, 44.3672)

Have a look what the booklet for
XYZ(32.3539, 40.8007, 44.3672)
contains.

XYZ(32.2958, 40.6433, 44.1730)	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(32.2958, 40.6433,
44.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB6AA
RGB	124, 182, 170
RGB Percent	49%, 71%, 67%
CMY	0.5137, 0.2863, 0.3333
CMYK	0.32, 0.00, 0.07, 0.29
HSL	168°, 28%, 60%
HSV	168°, 32%, 71%
XYZ	32.2958, 40.6433, 44.1730
YIQ	163.2900, -30.7160, -16.0280

Conversions

Conversions Part 2

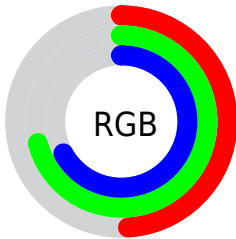
Format	Color
RYB	124, 156, 182
Decimal	8173226
CIELab	69.93, -21.46, 0.09
CIELCh	70, 21.464, 179.760
Yxy	40.6433, 0.2758, 0.3470
Android (android.graphics.Color)	4286363306 (0xFF7CB6AA)
YUV	163.2900, 3.3080, -34.4573
Hunter-Lab	63.7521, -21.1409, 3.5452

Details

The XYZ color **32.2958, 40.6433, 44.1730** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.9444, 26.1390, 26.7084**, and the grayscale version is **34.9459, 36.7659, 40.0380**.

A 20% lighter version of the original color is **62.5252, 76.0503, 82.6179**, and **13.7928, 18.3862, 19.9615** is the 20% darker color. If you saturate the color by 10%, you get **29.5535, 39.2712, 42.2121**, and if you desaturate by 10%, it is **35.5361, 42.2730, 46.2123**.

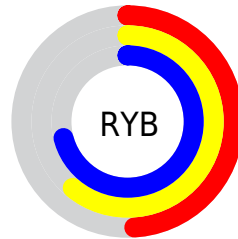
Distribution



Red (49%)

Green (71%)

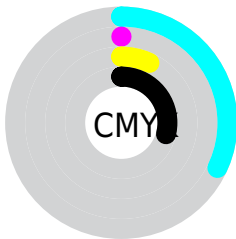
Blue (67%)



Red (49%)

Yellow (61%)

Blue (71%)

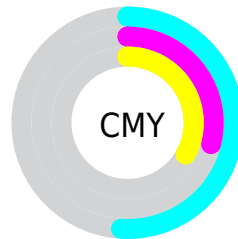


Cyan (32%)

Magenta (0%)

Yellow (7%)

Black (29%)



Cyan (51%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2958, 40.6433, 44.1730 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 32.2958, 40.6433, 44.1730 by changing the saturation by 10% instead.


 32.2958, 40.6433,
44.1730


 32.2958, 40.6433,
44.1730


304.1859,
348.8276, 379.4758


 21.7442, 28.0405,
30.4683


 62.6366, 76.1421,
82.7833

 13.7846, 18.3562,
19.9393


 83.1565, 99.8069,
108.5259

 8.0517, 11.2060,
12.1673


 107.7298,
127.9278, 139.1184

 4.1801, 6.2056,
6.7338

136.7220,
160.8892, 174.9791

 1.8045, 2.9705,
3.2203

170.4983,
199.0754, 216.5267

 0.5204, 1.1163,
1.2082

209.4242,

 0.0000, 0.0000,

242.8710, 264.1796

0.0000

253.8649,
292.6603, 318.3565

■ 32.2958, 40.6433,
44.1730

■ 32.2958, 40.6433,
44.1730

■ 29.5535, 39.2712,
42.2121

■ 35.5361, 42.2730,
46.2123

■ 27.2789, 38.1380,
40.3250

■ 39.2956, 44.1682,
48.3287

■ 25.4437, 37.2302,
38.5110

■ 43.5987, 46.3424,
50.5247

■ 24.0151, 36.5309,
36.7679

■ 48.4671, 48.8067,
52.8017

■ 22.9557, 36.0206,
35.0936

■ 53.9212, 51.5719,
55.1611

■ 22.2207, 35.6766,
33.4855

■ 59.9805, 54.6477,
57.6043

■ 21.7889, 35.4815,
32.2230

■ 66.6635, 58.0439,
60.1325

■ 68.4093, 58.8937,
62.4858

■ 68.8554, 59.0721,
64.8350

Harmonies

Analogous

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



33.1136, 40.6433, 35.2562



32.2958, 40.6433, 44.1730



33.0882, 40.6433, 54.5041

Triad

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



32.2958, 40.6433, 44.1730



42.0607, 40.6433, 63.1398



42.1124, 40.6433, 29.6296

Complementary

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



32.2958, 40.6433, 44.1730



30.9444, 26.1390, 26.7084

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.



44.7589, 40.6433, 35.3764



32.2958, 40.6433, 44.1730



44.7278, 40.6433, 54.6648

Square

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



32.2958, 40.6433, 44.1730



38.6021, 40.6433, 66.4094



45.7431, 40.6433, 44.3344



38.6584, 40.6433, 27.6713

Rectangle

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



32.2958, 40.6433, 44.1730



34.4520, 40.6433, 60.6199



45.7431, 40.6433, 44.3344



43.1333, 40.6433, 31.1350

Sweetspot

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



32.2970, 40.6449, 44.1739



72.4946, 80.7065, 88.2818



30.6129, 40.1947, 25.2142



15.7827, 17.7100, 19.3773



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.



32.2970, 40.6449, 44.1739



55.0869, 71.9497, 77.6590



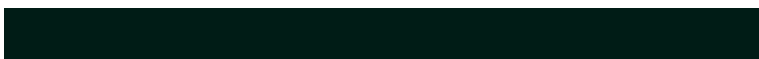
30.3144, 34.7790, 49.3732



9.1849, 10.1779, 11.1311



15.4110, 25.0653, 22.8838



0.5636, 0.8918, 0.9140

Inverse Universe

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



30.9444, 26.1390, 26.7084



52.2677, 41.6495, 41.2074



32.3723, 30.2845, 23.2086



9.0786, 9.0418, 9.7614



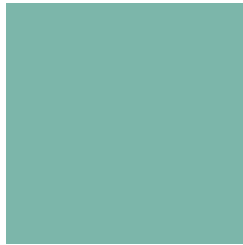
13.8866, 7.1284, 2.0239



0.5121, 0.2603, 0.1899

Previews

White Background



This preview shows how the XYZ color 32.2958, 40.6433, 44.1730 looks on a white background.

Color Contrast Check

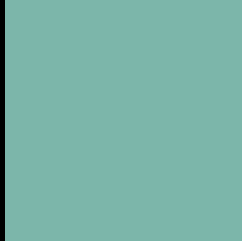
Large Text (above 18pt) WCAG AA × Fail

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 32.2958, 40.6433, 44.1730 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 32.2958, 40.6433, 44.1730

Background



This preview shows how black text looks on a background with the XYZ color 32.2958, 40.6433, 44.1730.

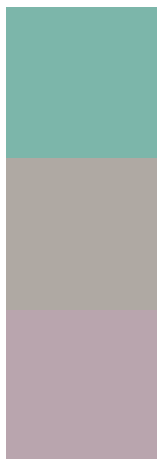


This preview shows how white text looks on a background with the XYZ color 32.2958, 40.6433,

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

32.2958, 40.6433, 44.1730

Protanopia

38.4780, 40.1342, 40.3690

Deuteranopia

41.1027, 40.2805, 45.6530



Tritanopia

34.7990, 40.7576, 56.4850

Trichromacy



Original Color

32.2958, 40.6433, 44.1730

Protanomaly

35.7293, 40.0932, 41.9320

Deuteranomaly

37.2100, 39.9295, 45.2811

Tritanomaly

33.8306, 40.6573, 51.9635

Monochromacy



Original Color

32.2958, 40.6433, 44.1730

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.6521, 37.8922, 41.6167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2958, 40.6433, 44.1730 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(124, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(124, 182, 170)  
}
```

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(124, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 182, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.2958, 40.6433, 44.1730 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(124, 182, 170) }
```


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

```
.border{ border-color:rgb(124, 182, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 182, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(124, 182,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2958, 40.6433, 44.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 182, 170) }
```

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

```
.background{ background-color: rgb(124,  
182, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor