

Converting Colors

XYZ(32.3148, 43.5512, 45.0767)

Have a look what the booklet for
XYZ(32.3148, 43.5512, 45.0767)
contains.

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Color

**XYZ(32.2882, 43.4531,
45.2136)**

Conversions

Conversions Part 1

Format	Color
Hex	6DBFAB
RGB	109, 191, 171
RGB Percent	43%, 75%, 67%
CMY	0.5725, 0.2510, 0.3294
CMYK	0.43, 0.00, 0.10, 0.25
HSL	165°, 39%, 59%
HSV	165°, 43%, 75%
XYZ	32.2882, 43.4531, 45.2136
YIQ	164.2020, -42.4520, -23.6040

Conversions

Conversions Part 2

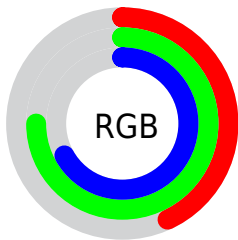
Format	Color
RYB	109, 156, 191
Decimal	7192491
CIELab	71.86, -29.84, 2.27
CIELCh	72, 29.923, 175.640
Yxy	43.4531, 0.2669, 0.3593
Android (android.graphics.Color)	4285382571 (0xFF6DBFAB)
YUV	164.2020, 3.3514, -48.4122
Hunter-Lab	65.9190, -27.9259, 5.4765

Details

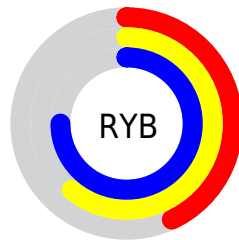
The XYZ color **32.2882, 43.4531, 45.2136** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.9185, 23.5999, 23.6963**, and the grayscale version is **35.3828, 37.2255, 40.5386**.

A 20% lighter version of the original color is **62.6047, 80.5183, 84.1935**, and **13.7968, 20.0075, 20.5874** is the 20% darker color. If you saturate the color by 10%, you get **29.7529, 42.1976, 42.8181**, and if you desaturate by 10%, it is **35.3521, 44.9815, 47.7174**.

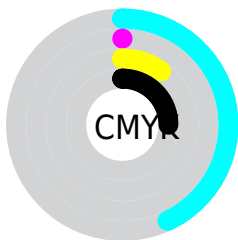
Distribution



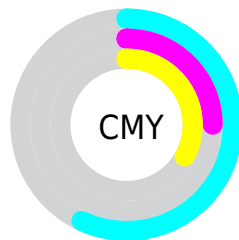
- Red (43%)
- Green (75%)
- Blue (67%)



- Red (43%)
- Yellow (61%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (57%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2882, 43.4531, 45.2136 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 32.2882, 43.4531, 45.2136 by changing the saturation by 10% instead.

■ 32.2882, 43.4531,
45.2136

■ 32.2882, 43.4531,
45.2136

304.1520,
360.4718, 383.8233

■ 21.7383, 30.2408,
31.2815

■ 62.6248, 80.3942,
84.3627

■ 13.7803, 20.0214,
20.5531

■ 83.1422, 104.8917,
110.4168

■ 8.0487, 12.4106,
12.6096

■ 107.7128,
133.9198, 141.3487

■ 4.1782, 7.0240,
7.0328

■ 136.7021,
167.8627, 177.5768

■ 1.8034, 3.4771,
3.4038

170.4753,
207.1051, 219.5198

■ 0.5197, 1.3856,
1.3044

209.3977,

■ 0.0000, 0.2061,

252.0311, 267.5962

0.0654

253.8349,
303.0252, 322.2245

■ 0.0000, 0.0000,
0.0000

■ 32.2882, 43.4531,
45.2136

■ 32.2882, 43.4531,
45.2136

■ 29.7529, 42.1976,
42.8181

■ 35.3521, 44.9815,
47.7174

■ 27.7091, 41.1926,
40.5256

■ 38.9716, 46.7933,
50.3289

■ 26.1203, 40.4204,
38.3344


■ 43.1760, 48.9049,
53.0511


■ 24.9435, 39.8589,
36.2417


■ 47.9916, 51.3296,
55.8860


■ 24.1271, 39.4814,
34.2442


■ 53.4430, 54.0803,
58.8357

 23.6972, 39.2894,
32.8859

 59.5534, 57.1688,
61.9018

 66.3451, 60.6066,
65.0863

 71.2905, 63.0907,
68.2717

 71.8733, 63.3238,
71.3408

Harmonies

Analogous

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



33.7349, 43.4531, 33.1877



32.2882, 43.4531, 45.2136



33.0888, 43.4531, 60.5120

Triad

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



32.2882, 43.4531, 45.2136



45.6836, 43.4531, 77.3579



47.0762, 43.4531, 27.7369

Complementary

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



32.2882, 43.4531, 45.2136



30.9185, 23.5999, 23.6963

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.



50.7703, 43.4531, 36.1881



32.2882, 43.4531, 45.2136



49.9211, 43.4531, 64.9666

Square

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



32.2882, 43.4531, 45.2136



40.5611, 43.4531, 81.1371



51.8516, 43.4531, 49.4765



42.0495, 43.4531, 24.5015

Rectangle

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



32.2882, 43.4531, 45.2136



34.8274, 43.4531, 70.3231



51.8516, 43.4531, 49.4765



48.5306, 43.4531, 29.9650

Sweetspot

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



32.2894, 43.4548, 45.2146



77.1043, 87.4743, 94.8746



30.5219, 43.0739, 21.1743



16.5427, 19.0131, 20.5907



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.



32.2894, 43.4548, 45.2146



53.3299, 75.5951, 76.7299



30.1807, 35.9517, 54.6409



9.7064, 10.7687, 11.7033



15.6060, 25.8327, 21.7855



0.6356, 1.0216, 0.9815

Inverse Universe

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



30.9185, 23.5999, 23.6963



50.5591, 35.1722, 33.0215



32.1639, 28.0144, 18.1810



9.6230, 9.5735, 10.4039



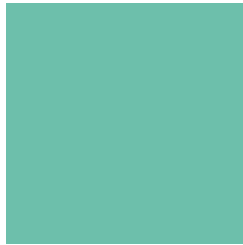
14.4793, 7.4229, 2.5515



0.5940, 0.3015, 0.2412

Previews

White Background



This preview shows how the XYZ color 32.2882, 43.4531, 45.2136 looks on a white background.

Color Contrast Check

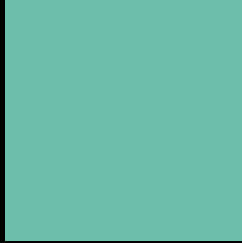
Large Text (above 18pt) WCAG AA × Fail

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 32.2882, 43.4531, 45.2136 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 32.2882, 43.4531, 45.2136

Background



This preview shows how black text looks on a background with the XYZ color 32.2882, 43.4531, 45.2136.

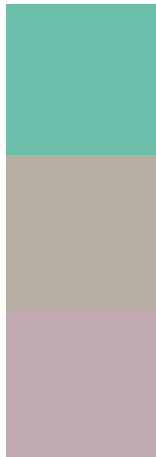


This preview shows how white text looks on a background with the XYZ color 32.2882, 43.4531,

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

32.2882, 43.4531, 45.2136

Protanopia

40.9076, 43.0923, 40.3440

Deuteranopia

43.9494, 43.0905, 47.0752



Tritanopia

35.7671, 43.5868, 62.4051

Trichromacy



Original Color

32.2882, 43.4531, 45.2136

Protanomaly

36.8330, 42.7329, 41.9043

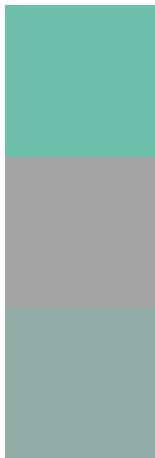
Deuteranomaly

38.4607, 42.5782, 46.2357

Tritanomaly

34.3266, 43.3054, 55.8398

Monochromacy



Original Color

32.2882, 43.4531, 45.2136

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.6127, 38.9914, 42.3137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2882, 43.4531, 45.2136 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(109, 191, 171)` looks like.

```
.text, #text, p{  
    color:rgb(109, 191, 171)  
}
```

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(109, 191, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 191, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.2882, 43.4531, 45.2136 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(109, 191, 171) }
```


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

```
.border{ border-color:rgb(109, 191, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 191, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(109, 191,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2882, 43.4531, 45.2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 191, 171) }
```

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

```
.background{ background-color: rgb(109,  
191, 171) }
```

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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