

Converting Colors

XYZ(32.4757, 45.8021, 54.0600)

Have a look what the booklet for
XYZ(32.4757, 45.8021, 54.0600)
contains.

XYZ(32.3882, 45.6383, 54.1157)	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(32.3882, 45.6383,
54.1157)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC6BB
RGB	79, 198, 187
RGB Percent	31%, 78%, 73%
CMY	0.6902, 0.2235, 0.2667
CMYK	0.60, 0.00, 0.06, 0.22
HSL	174°, 51%, 54%
HSV	174°, 60%, 78%
XYZ	32.3882, 45.6383, 54.1157
YIQ	161.1650, -67.3930, -28.6490

Conversions

Conversions Part 2

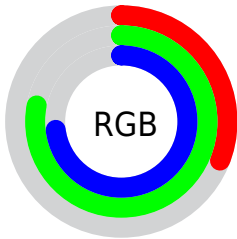
Format	Color
RYB	79, 141, 198
Decimal	5228219
CIELab	73.31, -35.72, -4.44
CIELCh	73, 35.996, 187.085
Yxy	45.6383, 0.2451, 0.3454
Android (android.graphics.Color)	4283418299 (0xFF4FC6BB)
YUV	161.1650, 12.7367, -72.0587
Hunter-Lab	67.5561, -32.6456, -0.2048

Details

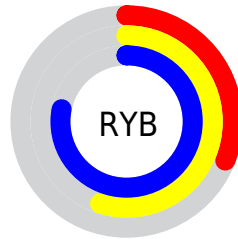
The XYZ color **32.3882, 45.6383, 54.1157** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **27.9317, 18.3373, 11.7419**, and the grayscale version is **33.9194, 35.6859, 38.8619**.

A 20% lighter version of the original color is **62.7529, 83.5665, 97.6165**, and **14.2763, 21.6677, 25.9841** is the 20% darker color. If you saturate the color by 10%, you get **30.7856, 44.8357, 53.0251**, and if you desaturate by 10%, it is **34.4863, 46.6982, 55.2446**.

Distribution



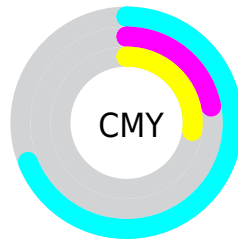
- Red (31%)
- Green (78%)
- Blue (73%)



- Red (31%)
- Yellow (55%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (69%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3882, 45.6383, 54.1157 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 32.3882, 45.6383, 54.1157 by changing the saturation by 10% instead.


 32.3882, 45.6383,
54.1157


 32.3882, 45.6383,
54.1157


304.5978,
369.3526, 419.7381


 21.8152, 31.9605,
38.3004

 62.7803, 83.6774,
97.7022


 13.8370, 21.3313,
25.9123


 83.3300, 108.8075,
126.3105

 8.0883, 13.3664,
16.5328

 107.9360,
138.5238, 160.0201

 4.2038, 7.6813,
9.7436

 136.9637,
173.2108, 199.2497

 1.8181, 3.8917,
5.1259

170.7783,
213.2527, 244.4178

 0.5285, 1.6132,
2.2613

209.7453,

 0.0000, 0.3665,

259.0341, 295.9428

0.7094

254.2300,
310.9392, 354.2434

■ 0.0000, 0.0000,
0.0000

■ 32.3882, 45.6383,
54.1157

■ 32.3882, 45.6383,
54.1157

■ 30.7856, 44.8357,
53.0251

■ 34.4863, 46.6982,
55.2446

■ 29.6296, 44.2620,
51.9673

■ 37.1155, 48.0305,
56.4104

■ 28.8682, 43.8914,
50.9410

■ 40.3127, 49.6553,
57.6159

■ 28.4022, 43.6726,
49.9510

■ 44.1102, 51.5894,
58.8627

■ 48.5380, 53.8480,
60.1523

■ 53.6242, 56.4458,
61.4859

■ 59.3950, 59.3962,
62.8649

■ 65.8752, 62.7121,
64.2905

■ 72.2713, 65.9842,
65.7255

Harmonies

Analogous

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



33.1074, 45.6383, 37.3207



32.3882, 45.6383, 54.1157



34.3767, 45.6383, 73.8077

Triad

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



32.3882, 45.6383, 54.1157



51.1368, 45.6383, 83.0001



48.2904, 45.6383, 24.0087

Complementary

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



32.3882, 45.6383, 54.1157



27.9317, 18.3373, 11.7419

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.



53.8272, 45.6383, 31.5013



32.3882, 45.6383, 54.1157



55.5790, 45.6383, 64.5342

Square

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



32.3882, 45.6383, 54.1157



44.8960, 45.6383, 92.9188



56.6085, 45.6383, 45.5169



41.8943, 45.6383, 22.5114

Rectangle

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



32.3882, 45.6383, 54.1157



37.0958, 45.6383, 85.0642



56.6085, 45.6383, 45.5169



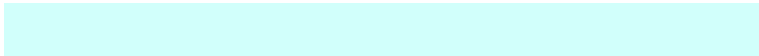
50.3318, 45.6383, 25.8027

Sweetspot

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



32.3895, 45.6401, 54.1168



79.4570, 92.0396, 104.6431



25.9114, 43.1736, 14.3659



16.5447, 19.4646, 22.2558



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.



32.3895, 45.6401, 54.1168



53.8243, 79.0493, 93.3297



24.3893, 27.6818, 57.4857



10.9028, 12.0500, 13.4383



18.4869, 28.4071, 32.5720



0.8880, 1.3501, 1.6089

Inverse Universe

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



27.9317, 18.3373, 11.7419



45.2958, 26.5283, 12.0472



32.2395, 27.6477, 11.0356



10.6730, 10.6526, 11.2615



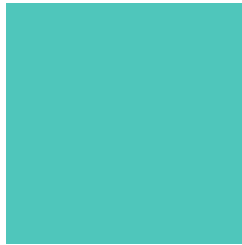
15.2321, 7.8424, 1.1662



0.7352, 0.3769, 0.1288

Previews

White Background



This preview shows how the XYZ color 32.3882, 45.6383, 54.1157 looks on a white background.

Color Contrast Check

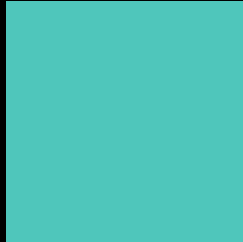
Large Text (above 18pt) WCAG AA × Fail

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 32.3882, 45.6383, 54.1157 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

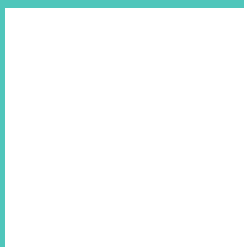
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3882, 45.6383, 54.1157

Background



This preview shows how black text looks on a background with the XYZ color 32.3882, 45.6383, 54.1157.

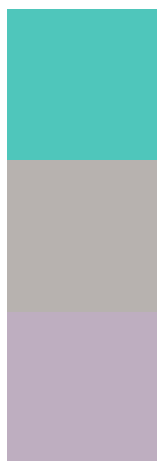


This preview shows how white text looks on a background with the XYZ color 32.3882, 45.6383,

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

32.3882, 45.6383, 54.1157

Protanopia

43.1867, 45.0032, 46.9677

Deuteranopia

45.8857, 45.0250, 56.1414



Tritanopia

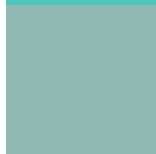
35.2678, 45.8072, 67.9556

Trichromacy



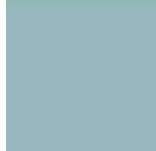
Original Color

32.3882, 45.6383, 54.1157



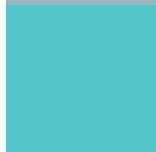
Protanomaly

37.1627, 43.9723, 49.1767



Deuteranomaly

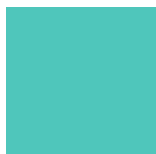
38.8054, 44.0687, 55.1760



Tritanomaly

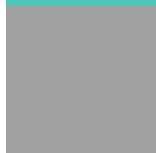
34.1469, 45.6754, 62.8936

Monochromacy



Original Color

32.3882, 45.6383, 54.1157



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.7518, 37.9997, 43.6914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3882, 45.6383, 54.1157 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(79, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(79, 198, 187)  
}
```

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(79, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 198, 187) }
```

Border

The CSS property to change the border of an element to XYZ 32.3882, 45.6383, 54.1157 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(79, 198, 187) }
```


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

```
.border{ border-color:rgb(79, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 198, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 198, 187); box-shadow:4px 4px 4px 4px rgb(79, 198, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3882, 45.6383, 54.1157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 198, 187) }
```

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

```
.background{ background-color: rgb(79, 198,  
187) }
```

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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