

Converting Colors

XYZ(32.2593, 45.5213, 53.2957)

Have a look what the booklet for
XYZ(32.2593, 45.5213, 53.2957)
contains.

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Color

**XYZ(32.3653, 45.6388,
53.5577)**

Conversions

Conversions Part 1

Format	Color
Hex	50C6BA
RGB	80, 198, 186
RGB Percent	31%, 78%, 73%
CMY	0.6863, 0.2235, 0.2706
CMYK	0.60, 0.00, 0.06, 0.22
HSL	174°, 51%, 55%
HSV	174°, 60%, 78%
XYZ	32.3653, 45.6388, 53.5577
YIQ	161.3500, -66.4760, -28.7480

Conversions

Conversions Part 2

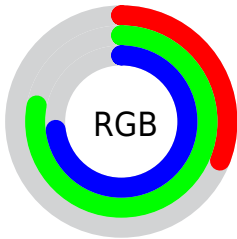
Format	Color
RYB	80, 142, 198
Decimal	5293754
CIELab	73.31, -35.81, -3.89
CIELCh	73, 36.016, 186.205
Yxy	45.6388, 0.2460, 0.3469
Android (android.graphics.Color)	4283483834 (0xFF50C6BA)
YUV	161.3500, 12.1525, -71.3439
Hunter-Lab	67.5565, -32.7072, 0.2854

Details

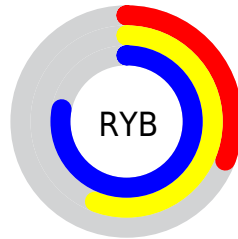
The XYZ color **32.3653, 45.6388, 53.5577** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **28.0907, 18.5172, 12.2206**, and the grayscale version is **34.0078, 35.7788, 38.9632**.

A 20% lighter version of the original color is **62.6022, 83.5063, 96.8232**, and **14.2069, 21.6400, 25.6185** is the 20% darker color. If you saturate the color by 10%, you get **30.7211, 44.8168, 52.3719**, and if you desaturate by 10%, it is **34.5077, 46.7194, 54.7846**.

Distribution



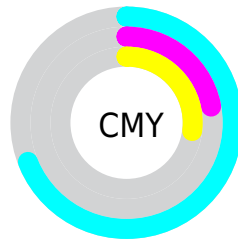
- Red (31%)
- Green (78%)
- Blue (73%)



- Red (31%)
- Yellow (56%)
- 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 32.3653, 45.6388, 53.5577 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 32.3653, 45.6388, 53.5577 by changing the saturation by 10% instead.


 32.3653, 45.6388,
53.5577


 32.3653, 45.6388,
53.5577


304.4958,
369.3546, 417.5480

 21.7976, 31.9609,
37.8574


 62.7447, 83.6782,
96.8744


 13.8240, 21.3316,
25.5711


 83.2870, 108.8084,
125.3278

 8.0792, 13.3666,
16.2801


 107.8849,
138.5249, 158.8694

 4.1979, 7.6815,
9.5661

 136.9038,
173.2120, 197.9176

 1.8147, 3.8918,
5.0104

170.7090,
213.2541, 242.8910

 0.5265, 1.6132,
2.1945

209.6658,

 0.0000, 0.3665,

259.0357, 294.2082

0.6712

254.1396,
310.9410, 352.2877

■ 0.0000, 0.0000,
0.0000

■ 32.3653, 45.6388,
53.5577

■ 32.3653, 45.6388,
53.5577

■ 30.7211, 44.8168,
52.3719

■ 34.5077, 46.7194,
54.7846

■ 29.5265, 44.2252,
51.2218

■ 37.1835, 48.0736,
56.0513

■ 28.7299, 43.8384,
50.1059

■ 40.4295, 49.7213,
57.3606

■ 28.2353, 43.6070,
49.0197

■ 44.2780, 51.6793,
58.7140

■ 28.2170, 43.5985,
48.9760

■ 48.7588, 53.9629,
60.1130

■ 53.8998, 56.5866,
61.5590

■ 59.7273, 59.5637,
63.0532

■ 66.2660, 62.9071,
64.5969

■ 72.3491, 66.0153,
66.1355

Harmonies

Analogous

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



33.1645, 45.6388, 36.9103



32.3653, 45.6388, 53.5577



34.2770, 45.6388, 73.2656

Triad

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



32.3653, 45.6388, 53.5577



50.9746, 45.6388, 83.4733



48.4784, 45.6388, 24.1290

Complementary

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



32.3653, 45.6388, 53.5577



28.0907, 18.5172, 12.2206

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.



53.9630, 45.6388, 31.8112



32.3653, 45.6388, 53.5577



55.4994, 45.6388, 65.1308

Square

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



32.3653, 45.6388, 53.5577



44.7076, 45.6388, 93.0427



56.6429, 45.6388, 46.0186



42.0756, 45.6388, 22.4639

Rectangle

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



32.3653, 45.6388, 53.5577



36.9524, 45.6388, 84.6674



56.6429, 45.6388, 46.0186



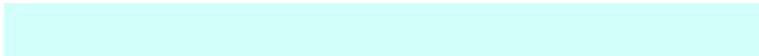
50.5090, 45.6388, 25.9832

Sweetspot

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



32.3666, 45.6406, 53.5588



79.3901, 92.0128, 104.2911



26.2357, 43.3365, 14.5726



16.5282, 19.4580, 22.1686



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.



32.3666, 45.6406, 53.5588



53.5757, 78.9498, 92.0203



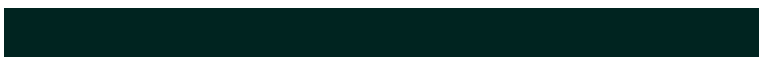
24.8559, 28.4906, 57.6172



10.8984, 12.0483, 13.4153



18.3679, 28.3595, 31.9456



0.8835, 1.3483, 1.5851

Inverse Universe

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



28.0907, 18.5172, 12.2206



45.3674, 26.5570, 12.4243



32.1015, 27.3131, 11.1705



10.6770, 10.6542, 11.2823



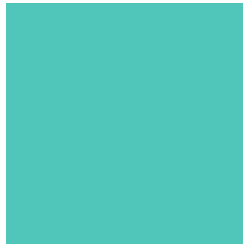
15.2433, 7.8469, 1.2252



0.7370, 0.3776, 0.1383

Previews

White Background



This preview shows how the XYZ color 32.3653, 45.6388, 53.5577 looks on a white background.

Color Contrast Check

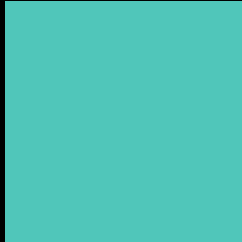
Large Text (above 18pt) WCAG AA × Fail

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 32.3653, 45.6388, 53.5577 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

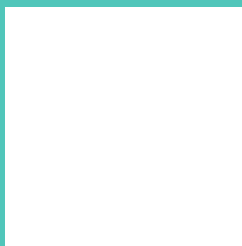
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3653, 45.6388, 53.5577

Background



This preview shows how black text looks on a background with the XYZ color 32.3653, 45.6388, 53.5577.

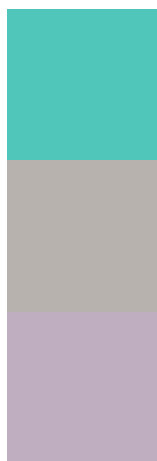


This preview shows how white text looks on a background with the XYZ color 32.3653, 45.6388,

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

32.3653, 45.6388, 53.5577

Protanopia

43.0888, 44.9641, 46.4523

Deuteranopia

45.7752, 44.9808, 55.5598



Tritanopia

35.1411, 45.4104, 67.8857

Trichromacy



Original Color

32.3653, 45.6388, 53.5577

Protanomaly

37.2389, 44.0233, 48.6541

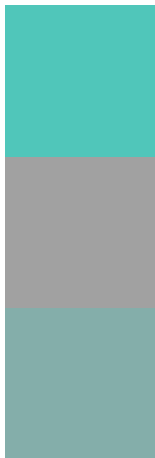
Deuteranomaly

38.6965, 44.0251, 54.6023

Tritanomaly

33.8955, 45.2257, 62.2013

Monochromacy



Original Color

32.3653, 45.6388, 53.5577

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

31.9075, 38.0799, 43.6987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3653, 45.6388, 53.5577 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(80, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(80, 198, 186)  
}
```

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(80, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 198, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.3653, 45.6388, 53.5577 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(80, 198, 186) }
```


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

```
.border{ border-color:rgb(80, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(80, 198,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3653, 45.6388, 53.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 198, 186) }
```

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

```
.background{ background-color: rgb(80, 198,  
186) }
```

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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