

Converting Colors

XYZ(32.6127, 45.8363, 51.4904)

Have a look what the booklet for
XYZ(32.6127, 45.8363, 51.4904)
contains.

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Color

**XYZ(32.5681, 45.7918,
51.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	57C6B6
RGB	87, 198, 182
RGB Percent	34%, 78%, 71%
CMY	0.6588, 0.2235, 0.2863
CMYK	0.56, 0.00, 0.08, 0.22
HSL	171°, 49%, 56%
HSV	171°, 56%, 78%
XYZ	32.5681, 45.7918, 51.3782
YIQ	162.9870, -61.0200, -28.5080

Conversions

Conversions Part 2

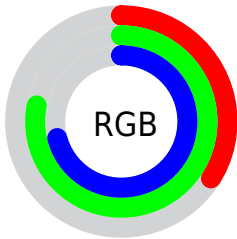
Format	Color
RYB	87, 147, 198
Decimal	5752502
CIELab	73.41, -35.51, -1.55
CIELCh	73, 35.541, 182.499
Yxy	45.7918, 0.2510, 0.3530
Android (android.graphics.Color)	4283942582 (0xFF57C6B6)
YUV	162.9870, 9.3734, -66.6406
Hunter-Lab	67.6696, -32.5132, 2.3528

Details

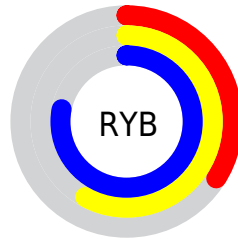
The XYZ color **32.5681, 45.7918, 51.3782** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **29.1467, 19.8028, 15.1198**, and the grayscale version is **34.7857, 36.5972, 39.8544**.

A 20% lighter version of the original color is **63.0467, 83.8040, 93.7418**, and **13.9983, 21.5638, 24.1933** is the 20% darker color. If you saturate the color by 10%, you get **30.6752, 44.8508, 49.7662**, and if you desaturate by 10%, it is **34.9766, 47.0001, 53.0477**.

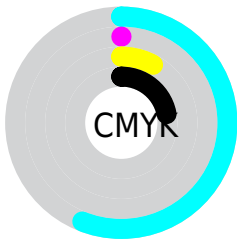
Distribution



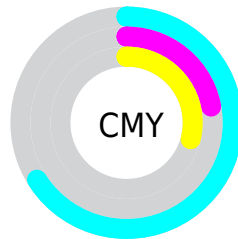
- Red (34%)
- Green (78%)
- Blue (71%)



- Red (34%)
- Yellow (58%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)





- Cyan (66%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5681, 45.7918, 51.3782 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 32.5681, 45.7918, 51.3782 by changing the saturation by 10% instead.


 32.5681, 45.7918,
51.3782


 32.5681, 45.7918,
51.3782

305.3986,
369.9710, 408.9198


 21.9534, 32.0816,
36.1309

 63.0598, 83.9073,
93.6308


 13.9391, 21.4238,
24.2448


 83.6676, 109.0814,
121.4731

 8.1597, 13.4341,
15.3014


 108.3372,
138.8455, 154.3509

 4.2500, 7.7282,
8.8822

 137.4338,
173.5841, 192.6826

 1.8445, 3.9215,
4.5687

171.3229,
213.6816, 236.8868

 0.5443, 1.6298,
1.9422

210.3698,

 0.0000, 0.3775,

259.5223, 287.3821

0.5194

254.9399,
311.4906, 344.5869

■ 0.0000, 0.0000,
0.0000

■ 32.5681, 45.7918,
51.3782

■ 32.5681, 45.7918,
51.3782

■ 30.6752, 44.8508,
49.7662

■ 34.9766, 47.0001,
53.0477

■ 29.2513, 44.1498,
48.2064

■ 37.9345, 48.4898,
54.7736

■ 28.2483, 43.6651,
46.6972

■ 41.4773, 50.2804,
56.5585

■ 27.6036, 43.3644,
45.2357

■ 45.6365, 52.3879,
58.4043

■ 27.3994, 43.2715,
44.6705

■ 50.4411, 54.8276,
60.3123

■ 55.9185, 57.6133,
62.2842

■ 62.0944, 60.7584,
64.3212

■ 68.9931, 64.2754,
66.4246

■ 72.7821, 66.1885,
68.4154

Harmonies

Analogous

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



33.6929, 45.7918, 35.5703



32.5681, 45.7918, 51.3782



34.1374, 45.7918, 70.7780

Triad

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



32.5681, 45.7918, 51.3782



50.3192, 45.7918, 84.9669



49.3242, 45.7918, 25.0997

Complementary

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



32.5681, 45.7918, 51.3782



29.1467, 19.8028, 15.1198

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.



54.4899, 45.7918, 33.5313



32.5681, 45.7918, 51.3782



55.1020, 45.7918, 67.5393

Square

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



32.5681, 45.7918, 51.3782



44.0508, 45.7918, 92.8573



56.6961, 45.7918, 48.3710



43.0008, 45.7918, 22.7330

Rectangle

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



32.5681, 45.7918, 51.3782



36.5970, 45.7918, 82.5276



56.6961, 45.7918, 48.3710



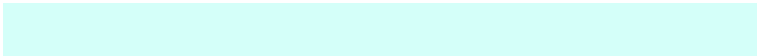
51.2735, 45.7918, 27.1996

Sweetspot

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



32.5694, 45.7936, 51.3793



79.8706, 92.2891, 103.0227



27.5842, 44.0003, 16.0569



16.7606, 19.5838, 21.9071



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.



32.5694, 45.7936, 51.3793



53.7646, 79.1457, 87.5786



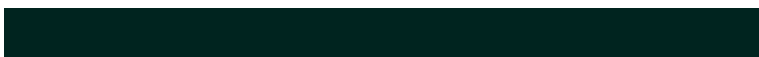
26.5490, 30.9531, 58.0033



10.8784, 12.0403, 13.3100



17.8423, 28.1493, 29.1776



0.8633, 1.3403, 1.4789

Inverse Universe

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



29.1467, 19.8028, 15.1198



47.1705, 28.7234, 17.4640



32.4523, 27.5789, 12.6307



10.6951, 10.6614, 11.3778



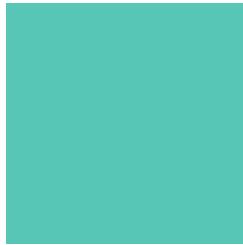
15.3052, 7.8717, 1.5513



0.7453, 0.3810, 0.1820

Previews

White Background



This preview shows how the XYZ color 32.5681, 45.7918, 51.3782 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 32.5681, 45.7918, 51.3782 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

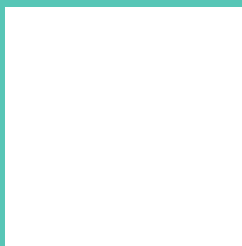
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5681, 45.7918, 51.3782

Background



This preview shows how black text looks on a background with the XYZ color 32.5681, 45.7918, 51.3782.

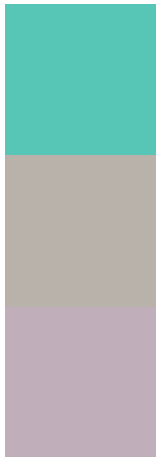


This preview shows how white text looks on a background with the XYZ color 32.5681, 45.7918,

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

32.5681, 45.7918, 51.3782

Protanopia

43.0382, 44.9714, 44.9401

Deuteranopia

46.0980, 45.1974, 53.3081



Tritanopia

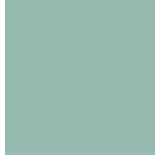
35.8544, 45.7781, 67.9191

Trichromacy



Original Color

32.5681, 45.7918, 51.3782



Protanomaly

37.4813, 44.1826, 47.1101



Deuteranomaly

39.0169, 44.2398, 52.3817



Tritanomaly

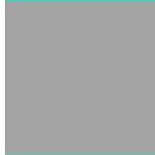
34.4546, 45.5275, 61.6153

Monochromacy



Original Color

32.5681, 45.7918, 51.3782



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.7727, 39.1038, 43.8507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5681, 45.7918, 51.3782 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(87, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(87, 198, 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(87, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 198, 182) }
```

Border

The CSS property to change the border of an element to XYZ 32.5681, 45.7918, 51.3782 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(87, 198, 182) }
```


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

```
.border{ border-color:rgb(87, 198, 182) }
```

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

Here you see how a box with a 4 pixel rgb(87, 198, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 198, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 198, 182);  
box-shadow:4px 4px 4px 4px rgb(87, 198,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5681, 45.7918, 51.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 198, 182) }
```

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

```
.background{ background-color: rgb(87, 198,  
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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