

Converting Colors

XYZ(32.4722, 43.5108, 46.5552)

Have a look what the booklet for
XYZ(32.4722, 43.5108, 46.5552)
contains.

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Color

**XYZ(32.4551, 43.5057,
46.7313)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBFAE
RGB	108, 191, 174
RGB Percent	42%, 75%, 68%
CMY	0.5765, 0.2510, 0.3176
CMYK	0.43, 0.00, 0.09, 0.25
HSL	168°, 39%, 59%
HSV	168°, 43%, 75%
XYZ	32.4551, 43.5057, 46.7313
YIQ	164.2450, -44.0110, -22.8830

Conversions

Conversions Part 2

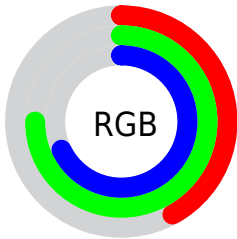
Format	Color
RYB	108, 154, 191
Decimal	7126958
CIELab	71.90, -29.39, 0.68
CIElCh	72, 29.397, 178.666
Yxy	43.5057, 0.2645, 0.3546
Android (android.graphics.Color)	4285317038 (0xFF6CBFAE)
YUV	164.2450, 4.8092, -49.3269
Hunter-Lab	65.9589, -27.5969, 4.1647

Details

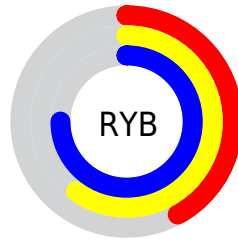
The XYZ color **32.4551, 43.5057, 46.7313** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.5515, 23.2833, 22.2875**, and the grayscale version is **35.3971, 37.2405, 40.5549**.

A 20% lighter version of the original color is **62.8145, 80.5785, 86.3713**, and **13.8747, 20.0265, 21.5466** is the 20% darker color. If you saturate the color by 10%, you get **30.0061, 42.2877, 44.6552**, and if you desaturate by 10%, it is **35.4265, 44.9939, 48.8917**.

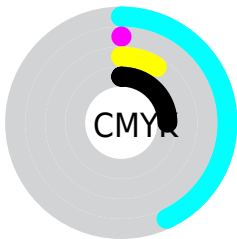
Distribution



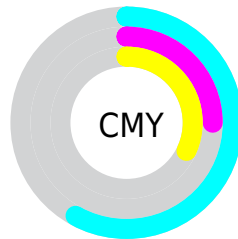
- Red (42%)
- Green (75%)
- Blue (68%)



- Red (42%)
- Yellow (60%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4551, 43.5057, 46.7313 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 32.4551, 43.5057, 46.7313 by changing the saturation by 10% instead.

■ 32.4551, 43.5057,
46.7313

■ 32.4551, 43.5057,
46.7313

304.8958,
360.6873, 390.1036

■ 21.8666, 30.2821,
32.4705

■ 62.8843, 80.4734,
86.6582

■ 13.8749, 20.0528,
21.4533

■ 83.4556, 104.9863,
113.1613

■ 8.1149, 12.4334,
13.2613

■ 108.0853,
134.0311, 144.5823

■ 4.2210, 7.0396,
7.4759

■ 137.1386,
167.9922, 181.3396

■ 1.8279, 3.4869,
3.6785

170.9810,
207.2540, 223.8519

■ 0.5344, 1.3909,
1.4507

209.9777,

■ 0.0000, 0.2100,

252.2008, 272.5376

0.1808

254.4942,
303.2172, 327.8154

■ 0.0000, 0.0000,
0.0000

■ 32.4551, 43.5057,
46.7313

■ 32.4551, 43.5057,
46.7313

■ 30.0061, 42.2877,
44.6552

■ 35.4265, 44.9939,
48.8917

■ 28.0422, 41.3175,
42.6584

■ 38.9474, 46.7629,
51.1354

■ 26.5269, 40.5772,
40.7396


■ 43.0471, 48.8291,
53.4652


■ 25.4167, 40.0445,
38.8963


■ 47.7519, 51.2059,
55.8827


■ 24.6596, 39.6926,
37.1256


■ 53.0865, 53.9060,
58.3896

 24.2890, 39.5261,
36.0026

 59.0741, 56.9414,
60.9874

 65.7368, 60.3236,
63.6775

 70.9274, 62.9454,
66.3601

 71.4067, 63.1371,
68.8838

Harmonies

Analogous

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



33.6621, 43.5057, 34.4322



32.4551, 43.5057, 46.7313



33.4671, 43.5057, 61.8627

Triad

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



32.4551, 43.5057, 46.7313



46.1422, 43.5057, 75.9089



46.5611, 43.5057, 27.5100

Complementary

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



32.4551, 43.5057, 46.7313



30.5515, 23.2833, 22.2875

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.



50.3847, 43.5057, 35.3389



32.4551, 43.5057, 46.7313



50.1294, 43.5057, 63.2006

Square

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



32.4551, 43.5057, 46.7313



41.1271, 43.5057, 80.6197



51.7396, 43.5057, 48.0151



41.5754, 43.5057, 24.8100

Rectangle

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



32.4551, 43.5057, 46.7313



35.3139, 43.5057, 71.2307



51.7396, 43.5057, 48.0151



48.0394, 43.5057, 29.5398

Sweetspot

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



32.4563, 43.5074, 46.7323



77.2912, 87.5491, 95.8588



29.9406, 42.7804, 20.8676



16.5903, 19.0322, 20.8417



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.



32.4563, 43.5074, 46.7323



53.9899, 75.8591, 80.2054



29.4970, 34.7661, 54.4480



9.7226, 10.7751, 11.7885



15.9914, 25.9869, 23.8154



0.6479, 1.0265, 1.0464

Inverse Universe

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



30.5515, 23.2833, 22.2875



50.1624, 35.0135, 30.9328



32.3799, 28.5321, 17.9888



9.6080, 9.5675, 10.3245



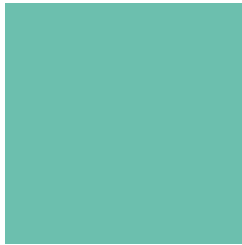
14.3862, 7.3856, 2.0614



0.5874, 0.2989, 0.2067

Previews

White Background



This preview shows how the XYZ color 32.4551, 43.5057, 46.7313 looks on a white background.

Color Contrast Check

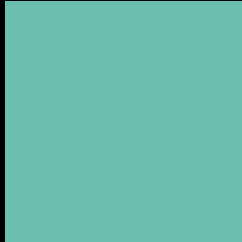
Large Text (above 18pt) WCAG AA × Fail

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 32.4551, 43.5057, 46.7313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

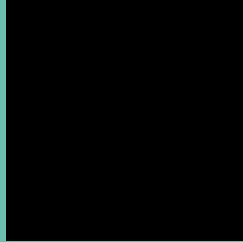
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4551, 43.5057, 46.7313

Background



This preview shows how black text looks on a background with the XYZ color 32.4551, 43.5057, 46.7313.

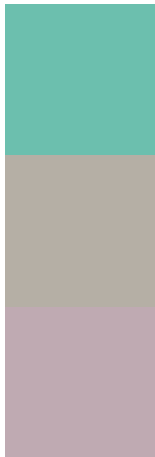


This preview shows how white text looks on a background with the XYZ color 32.4551, 43.5057,

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

32.4551, 43.5057, 46.7313

Protanopia

41.1776, 43.2003, 41.7655

Deuteranopia

43.8965, 43.0402, 48.1135



Tritanopia

35.6335, 43.5179, 62.3988

Trichromacy



Original Color

32.4551, 43.5057, 46.7313

Protanomaly

36.9182, 42.7449, 43.3506

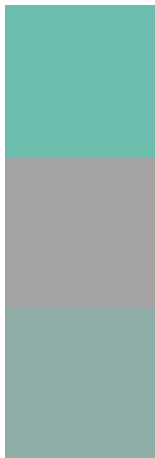
Deuteranomaly

38.5541, 42.5922, 47.7841

Tritanomaly

34.3077, 43.2829, 56.4154

Monochromacy



Original Color

32.4551, 43.5057, 46.7313

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.7055, 39.0285, 42.8026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4551, 43.5057, 46.7313 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(108, 191, 174)` looks like.

```
.text, #text, p{  
    color:rgb(108, 191, 174)  
}
```

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(108, 191, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 191, 174) }
```

Border

The CSS property to change the border of an element to XYZ 32.4551, 43.5057, 46.7313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

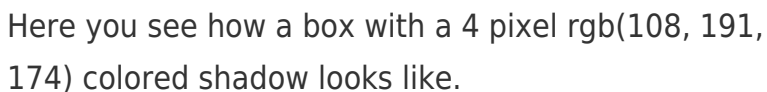
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 191, 174) }
```


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

```
.border{ border-color:rgb(108, 191, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 191, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 191, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 191, 174); box-shadow:4px 4px 4px 4px rgb(108, 191, 174) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4551, 43.5057, 46.7313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 191, 174) }
```

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

```
.background{ background-color: rgb(108,  
191, 174) }
```

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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