

Converting Colors

XYZ(30.5730, 44.6964, 45.2365)

Have a look what the booklet for
XYZ(30.5730, 44.6964, 45.2365)
contains.

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Color

**XYZ(30.4464, 44.4970,
45.0143)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC5AA
RGB	79, 197, 170
RGB Percent	31%, 77%, 67%
CMY	0.6902, 0.2274, 0.3333
CMYK	0.60, 0.00, 0.14, 0.23
HSL	166°, 50%, 54%
HSV	166°, 60%, 77%
XYZ	30.4464, 44.4970, 45.0143
YIQ	158.6400, -61.6610, -33.4130

Conversions

Conversions Part 2

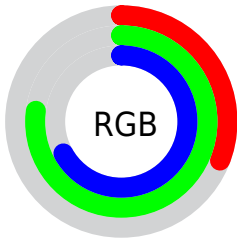
Format	Color
RYB	79, 146, 197
Decimal	5227946
CIELab	72.56, -39.61, 3.70
CIElCh	73, 39.781, 174.667
Yxy	44.4970, 0.2538, 0.3709
Android (android.graphics.Color)	4283418026 (0xFF4FC5AA)
YUV	158.6400, 5.6005, -69.8443
Hunter-Lab	66.7061, -35.2635, 6.6844

Details

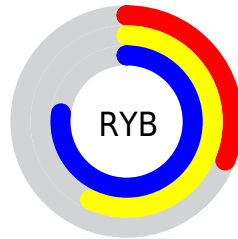
The XYZ color **30.4464, 44.4970, 45.0143** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **28.4250, 18.5041, 15.7109**, and the grayscale version is **32.7869, 34.4944, 37.5644**.

A 20% lighter version of the original color is **59.6799, 81.8088, 83.8794**, and **12.9430, 20.6540, 20.4440** is the 20% darker color. If you saturate the color by 10%, you get **28.6253, 43.6077, 42.7417**, and if you desaturate by 10%, it is **32.7702, 45.6459, 47.3887**.

Distribution



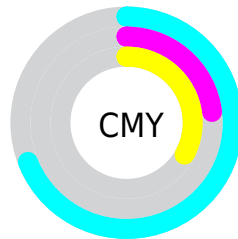
- Red (31%)
- Green (77%)
- Blue (67%)



- Red (31%)
- Yellow (57%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)



- Cyan (69%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4464, 44.4970, 45.0143 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 30.4464, 44.4970, 45.0143 by changing the saturation by 10% instead.

■ 30.4464, 44.4970,
45.0143

■ 30.4464, 44.4970,
45.0143

295.8523,
364.7326, 382.9933

■ 20.3274, 31.0614,
31.1257

■ 59.7492, 81.9651,
84.0605

■ 12.7429, 20.6456,
20.4353

■ 79.6638, 106.7664,
110.0552

■ 7.3275, 12.8652,
12.5246

■ 103.5742,
136.1250, 140.9224

■ 3.7159, 7.3358,
6.9752

■ 131.8459,
170.4255, 177.0804

■ 1.5427, 3.6730,
3.3684

164.8442,
210.0520, 218.9480

■ 0.3546, 1.4924,
1.2857

202.9345,

■ 0.0000, 0.2833,

255.3891, 266.9437

0.0500

246.4821,
306.8212, 321.4859

■ 0.0000, 0.0000,
0.0000

■ 30.4464, 44.4970,
45.0143

■ 30.4464, 44.4970,
45.0143

■ 28.6253, 43.6077,
42.7417

■ 32.7702, 45.6459,
47.3887

■ 27.2585, 42.9499,
40.5650

■ 35.6318, 47.0693,
49.8645

■ 26.2948, 42.4982,
38.4820

■ 39.0678, 48.7871,
52.4449

■ 25.6345, 42.2013,
36.4872

■ 43.1101, 50.8157,
55.1322

■ 25.6282, 42.1984,
36.4670

■ 47.7885, 53.1704,
57.9286

■ 53.1308, 55.8657,
60.8361

■ 59.1629, 58.9147,
63.8564

■ 65.9096, 62.3304,
66.9916

■ 72.9115, 65.8757,
70.2207

Harmonies

Analogous

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



32.3970, 44.4970, 29.6830



30.4464, 44.4970, 45.0143



31.3789, 44.4970, 66.0346

Triad

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



30.4464, 44.4970, 45.0143



48.0549, 44.4970, 91.6541



50.4104, 44.4970, 23.6572

Complementary

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



30.4464, 44.4970, 45.0143



28.4250, 18.5041, 15.7109

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.



55.4832, 44.4970, 34.3016



30.4464, 44.4970, 45.0143



54.0233, 44.4970, 73.8163

Square

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



30.4464, 44.4970, 45.0143



41.0759, 44.4970, 96.7816



56.8719, 44.4970, 52.0555



43.5341, 44.4970, 19.6799

Rectangle

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



30.4464, 44.4970, 45.0143



33.5687, 44.4970, 80.2443



56.8719, 44.4970, 52.0555



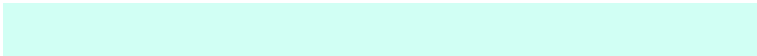
52.4115, 44.4970, 26.4066

Sweetspot

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



30.4477, 44.4987, 45.0153



78.4875, 91.6518, 99.5377



27.3864, 43.5957, 14.3694



16.3052, 19.3688, 20.9945



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.



30.4477, 44.4987, 45.0153



50.3965, 77.6782, 75.2792



26.8554, 32.7982, 57.7405



10.8389, 12.0244, 13.1016



16.8893, 27.7681, 24.1592



0.8259, 1.3253, 1.2817

Inverse Universe

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



28.4250, 18.5041, 15.7109



46.5227, 27.0191, 18.5082



30.0651, 23.6891, 10.3859



10.7316, 10.6760, 11.5701



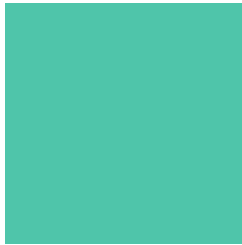
15.4846, 7.9434, 2.4959



0.7619, 0.3876, 0.2692

Previews

White Background



This preview shows how the XYZ color 30.4464, 44.4970, 45.0143 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 30.4464, 44.4970, 45.0143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

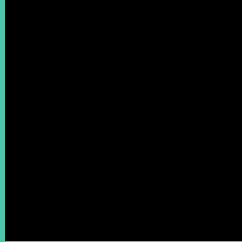
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4464, 44.4970, 45.0143

Background



This preview shows how black text looks on a background with the XYZ color 30.4464, 44.4970, 45.0143.

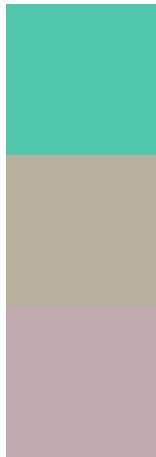


This preview shows how white text looks on a background with the XYZ color 30.4464, 44.4970,

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

30.4464, 44.4970, 45.0143

Protanopia

41.5505, 43.7442, 39.0544

Deuteranopia

44.6475, 43.7297, 47.1618



Tritanopia

34.6263, 44.5314, 65.8019

Trichromacy



Original Color

30.4464, 44.4970, 45.0143

Protanomaly

35.6054, 43.0363, 41.0806

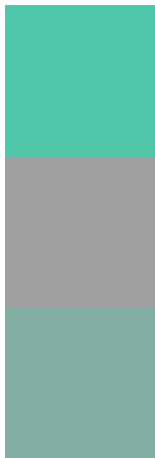
Deuteranomaly

36.9101, 42.3739, 46.2780

Tritanomaly

33.0539, 44.5533, 57.8965

Monochromacy



Original Color

30.4464, 44.4970, 45.0143

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

30.7604, 37.2773, 40.2243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4464, 44.4970, 45.0143 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, 197, 170)` looks like.

```
.text, #text, p{  
    color:rgb(79, 197, 170)  
}
```

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, 197, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 197, 170) }
```

Border

The CSS property to change the border of an element to XYZ 30.4464, 44.4970, 45.0143 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, 197, 170) }
```


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

```
.border{ border-color:rgb(79, 197, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 197, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 197, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 197, 170);  
box-shadow:4px 4px 4px 4px rgb(79, 197,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4464, 44.4970, 45.0143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 197, 170) }
```

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

```
.background{ background-color: rgb(79, 197,  
170) }
```

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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