

Converting Colors

XYZ(33.0492, 46.6292, 30.5039)

Have a look what the booklet for
XYZ(33.0492, 46.6292, 30.5039)
contains.

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Color

**XYZ(32.9502, 46.4508,
30.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC688
RGB	124, 198, 136
RGB Percent	49%, 78%, 53%
CMY	0.5137, 0.2235, 0.4667
CMYK	0.37, 0.00, 0.31, 0.22
HSL	130°, 39%, 63%
HSV	130°, 37%, 78%
XYZ	32.9502, 46.4508, 30.5218
YIQ	168.8060, -24.2020, -34.9700

Conversions

Conversions Part 2

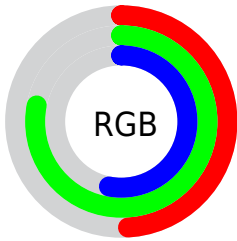
Format	Color
RYB	124, 188, 198
Decimal	8177288
CIELab	73.84, -35.98, 24.00
CIELCh	74, 43.253, 146.299
Yxy	46.4508, 0.2998, 0.4226
Android (android.graphics.Color)	4286367368 (0xFF7CC688)
YUV	168.8060, -16.1734, -39.2949
Hunter-Lab	68.1548, -32.9732, 21.1565

Details

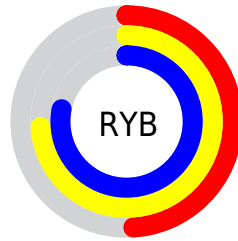
The XYZ color **32.9502, 46.4508, 30.5218** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **39.3608, 29.9672, 50.1659**, and the grayscale version is **37.7031, 39.6666, 43.1969**.

A 20% lighter version of the original color is **63.6447, 84.8214, 61.7329**, and **14.2515, 21.9580, 12.2913** is the 20% darker color. If you saturate the color by 10%, you get **29.2818, 44.6869, 24.6651**, and if you desaturate by 10%, it is **37.3780, 48.5878, 37.3687**.

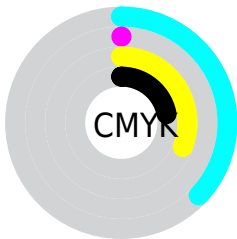
Distribution



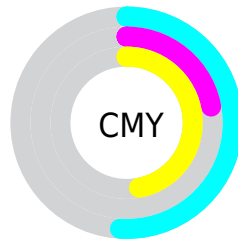
- Red (49%)
- Green (78%)
- Blue (53%)



- Red (49%)
- Yellow (74%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9502, 46.4508, 30.5218 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 32.9502, 46.4508, 30.5218 by changing the saturation by 10% instead.

■ 32.9502, 46.4508,
30.5218

■ 32.9502, 46.4508,
30.5218

307.0942,
372.6181, 318.6119

■ 22.2473, 32.6017,
19.9796

■ 63.6530, 84.8933,
61.5571

■ 14.1564, 21.8215,
12.1963

■ 84.3836, 110.2554,
82.8873

■ 8.3119, 13.7258,
6.7533

■ 109.1875,
140.2240, 108.6506

■ 4.3487, 7.9302,
3.2322

138.4301,
175.1835, 139.2654

■ 1.9012, 4.0503,
1.2144

172.4767,
215.5183, 175.1505

■ 0.5775, 1.7018,
0.0000

211.6927,

■ 0.0000, 0.4248,

261.6127, 216.7242

0.0000

256.4434,
313.8512, 264.4051

■ 0.0000, 0.0000,
0.0000

■ 32.9502, 46.4508,
30.5218

■ 32.9502, 46.4508,
30.5218

■ 29.2818, 44.6869,
24.6651

■ 37.3780, 48.5878,
37.3687

■ 26.3264, 43.2690,
19.7497

■ 42.6012, 51.1115,
45.2454

■ 24.0377, 42.1758,
15.7274


■ 48.6578, 54.0420,
54.1931


■ 22.3627, 41.3810,
12.5443


■ 55.5822, 57.3963,
64.2498


■ 21.2397, 40.8541,
10.1410

■ 63.4069, 61.1902,
75.4518

 20.5856, 40.5537,
8.4492

 72.1627, 65.4390,
87.8335

 20.4572, 40.4948,
8.1124

 79.0260, 68.6863,
101.2946

 79.4850, 68.8699,
103.7117

Harmonies

Analogous

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



37.9144, 46.4508, 21.3078



32.9502, 46.4508, 30.5218



30.9709, 46.4508, 47.8909

Triad

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



32.9502, 46.4508, 30.5218



43.2019, 46.4508, 105.7362



58.7858, 46.4508, 34.0314

Complementary

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



32.9502, 46.4508, 30.5218



39.3608, 29.9672, 50.1659

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.



60.6206, 46.4508, 53.3618



32.9502, 46.4508, 30.5218



51.0346, 46.4508, 98.8649

Square

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



32.9502, 46.4508, 30.5218



36.4394, 46.4508, 94.6502



57.6375, 46.4508, 77.9176



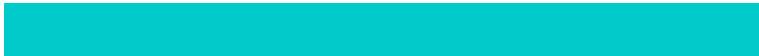
52.8783, 46.4508, 22.8822

Rectangle

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



32.9502, 46.4508, 30.5218



31.4181, 46.4508, 63.4244



57.6375, 46.4508, 77.9176



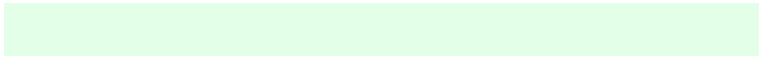
59.9269, 46.4508, 39.5934

Sweetspot

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



32.9514, 46.4527, 30.5228



81.9172, 93.6405, 89.7281



44.3030, 52.3978, 26.8480



17.2155, 19.8890, 18.7359



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.



32.9514, 46.4527, 30.5228



52.8631, 79.6155, 45.3177



35.9636, 47.6576, 46.3850



10.5665, 11.9155, 11.6672



13.3244, 26.3421, 5.3871



0.6536, 1.2564, 0.3743

Inverse Universe

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



39.3608, 29.9672, 50.1659



65.8519, 46.1682, 85.0960



35.9947, 28.6208, 32.4401



11.0064, 10.7859, 13.0168



19.6416, 9.6062, 24.3862



0.9503, 0.4630, 1.2616

Previews

White Background



This preview shows how the XYZ color 32.9502, 46.4508, 30.5218 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 32.9502, 46.4508, 30.5218 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 32.9502, 46.4508, 30.5218

Background



This preview shows how black text looks on a background with the XYZ color 32.9502, 46.4508, 30.5218.



This preview shows how white text looks on a background with the XYZ color 32.9502, 46.4508,

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

32.9502, 46.4508, 30.5218

Protanopia

42.7232, 45.8031, 27.0112

Deuteranopia

46.6153, 45.6591, 31.5555



Tritanopia

39.6983, 46.2062, 64.5840

Trichromacy



Original Color

32.9502, 46.4508, 30.5218



Protanomaly

38.2292, 45.6144, 28.2623



Deuteranomaly

39.9786, 44.9037, 30.9863



Tritanomaly

36.7607, 45.9811, 50.1178

Monochromacy



Original Color

32.9502, 46.4508, 30.5218



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.5439, 41.8491, 38.1026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9502, 46.4508, 30.5218 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(124, 198, 136)` looks like.

```
.text, #text, p{  
    color:rgb(124, 198, 136)  
}
```

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(124, 198, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 198, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.9502, 46.4508, 30.5218 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(124, 198, 136) }
```


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

```
.border{ border-color:rgb(124, 198, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 198, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 198, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 198, 136);  
box-shadow:4px 4px 4px 4px rgb(124, 198,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9502, 46.4508, 30.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 198, 136) }
```

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

```
.background{ background-color: rgb(124,  
198, 136) }
```

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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