

Converting Colors

XYZ(30.5665, 44.1174, 25.2108)

Have a look what the booklet for
XYZ(30.5665, 44.1174, 25.2108)
contains.

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Color

**XYZ(30.5504, 43.9818,
25.2915)**

Conversions

Conversions Part 1

Format	Color
Hex	78C27A
RGB	120, 194, 122
RGB Percent	47%, 76%, 48%
CMY	0.5294, 0.2392, 0.5216
CMYK	0.38, 0.00, 0.37, 0.24
HSL	122°, 38%, 62%
HSV	122°, 38%, 76%
XYZ	30.5504, 43.9818, 25.2915
YIQ	163.6660, -20.9920, -38.0800

Conversions

Conversions Part 2

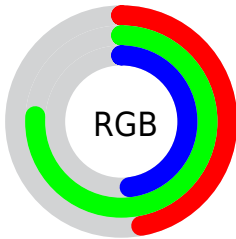
Format	Color
RYB	120, 192, 194
Decimal	7914106
CIELab	72.22, -37.74, 29.15
CIELCh	72, 47.691, 142.314
Yxy	43.9818, 0.3060, 0.4406
Android (android.graphics.Color)	4286104186 (0xFF78C27A)
YUV	163.6660, -20.5413, -38.2951
Hunter-Lab	66.3188, -33.8301, 23.8122

Details

The XYZ color **30.5504, 43.9818, 25.2915** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **38.4805, 28.7090, 53.3842**, and the grayscale version is **35.2304, 37.0652, 40.3640**.

A 20% lighter version of the original color is **59.9142, 81.2035, 53.0735**, and **12.7945, 20.3823, 9.3907** is the 20% darker color. If you saturate the color by 10%, you get **27.0694, 42.3108, 19.6053**, and if you desaturate by 10%, it is **34.8059, 46.0284, 32.2016**.

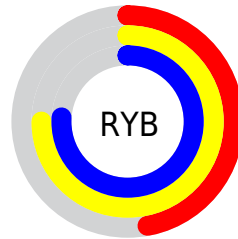
Distribution



Red (47%)

Green (76%)

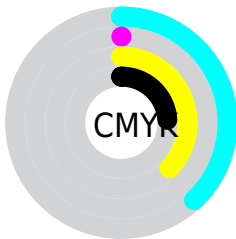
Blue (48%)



Red (47%)

Yellow (75%)

Blue (76%)

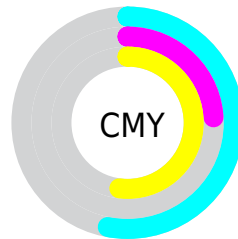


Cyan (38%)

Magenta (0%)

Yellow (37%)

Black (24%)



Cyan (53%)


Magenta (24%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5504, 43.9818, 25.2915 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 30.5504, 43.9818, 25.2915 by changing the saturation by 10% instead.


 30.5504, 43.9818,
25.2915


 30.5504, 43.9818,
25.2915


296.3256,
362.6340, 292.7805

 20.4069, 30.6562,
16.0734


 59.9122, 81.1904,
53.0997

 12.8011, 20.3372,
9.4212


 79.8612, 105.8421,
72.5269

 7.3678, 12.6404,
4.9164

 103.8094,
135.0380, 96.1941

 3.7415, 7.1814,
2.1404

132.1221,
169.1625, 124.5200

 1.5570, 3.5758,
0.6397

165.1647,
208.6000, 157.9230

 0.3641, 1.4392,
0.0000

203.3026,

 0.0000, 0.2454,

253.7348, 196.8218

0.0000

246.9011,
304.9513, 241.6348

■ 0.0000, 0.0000,
0.0000

■ 30.5504, 43.9818,
25.2915

■ 30.5504, 43.9818,
25.2915

■ 27.0694, 42.3108,
19.6053

■ 34.8059, 46.0284,
32.2016

■ 24.3133, 40.9875,
15.0690

■ 39.8751, 48.4655,
40.3980

■ 22.2318, 39.9890,
11.6050


■ 45.7985, 51.3139,
49.9424


■ 20.7670, 39.2872,
9.1253


■ 52.6128, 54.5916,
60.8917


■ 19.8511, 38.8495,
7.5275


■ 60.3529, 58.3151,
73.2995

 19.3856, 38.6277,
6.6853

 69.0514, 62.5004,
87.2165

 19.3214, 38.5968,
6.5822

 78.4433, 67.0096,
102.6773

 78.5827, 67.0653,
103.4109

Harmonies

Analogous

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



36.1112, 43.9818, 17.1346



30.5504, 43.9818, 25.2915



28.0728, 43.9818, 42.1131

Triad

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



30.5504, 43.9818, 25.2915



39.7348, 43.9818, 107.8398



58.1083, 43.9818, 32.7405

Complementary

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



30.5504, 43.9818, 25.2915



38.4805, 28.7090, 53.3842

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.



59.4089, 43.9818, 54.1696



30.5504, 43.9818, 25.2915



48.0644, 43.9818, 102.8196

Square

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



30.5504, 43.9818, 25.2915



32.9061, 43.9818, 93.1152



55.5273, 43.9818, 81.0434



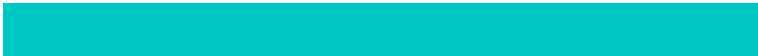
52.1752, 43.9818, 20.3539

Rectangle

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



30.5504, 43.9818, 25.2915



28.2423, 43.9818, 58.1526



55.5273, 43.9818, 81.0434



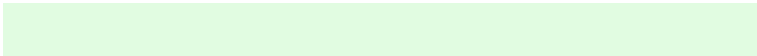
59.1305, 43.9818, 38.9097

Sweetspot

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



30.5515, 43.9837, 25.2925



79.5533, 91.3198, 84.9767



44.6167, 51.2487, 25.3101



17.0901, 19.8388, 18.0754



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.



30.5515, 43.9837, 25.2925



49.8519, 77.0428, 36.8471



33.2304, 45.0552, 39.3994



9.9552, 11.2631, 10.7676



12.7076, 25.3771, 4.3532



0.5529, 1.0980, 0.2085

Inverse Universe

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



38.4805, 28.7090, 53.3842



66.3051, 45.3379, 95.1328



34.9470, 27.2956, 34.7768



10.4852, 10.2427, 12.6454



20.6542, 9.9514, 32.4209



0.8962, 0.4315, 1.4207

Previews

White Background



This preview shows how the XYZ color 30.5504, 43.9818, 25.2915 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 30.5504, 43.9818, 25.2915 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

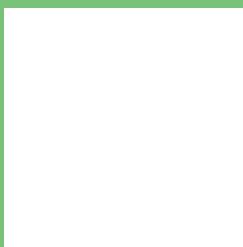
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5504, 43.9818, 25.2915

Background



This preview shows how black text looks on a background with the XYZ color 30.5504, 43.9818, 25.2915.



This preview shows how white text looks on a background with the XYZ color 30.5504, 43.9818,

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

30.5504, 43.9818, 25.2915

Protanopia

40.1057, 43.3648, 22.4761

Deuteranopia

44.3787, 43.4898, 26.4774



Tritanopia

37.6494, 43.9723, 60.5360

Trichromacy



Original Color

30.5504, 43.9818, 25.2915



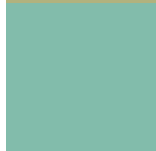
Protanomaly

35.7206, 43.1743, 23.5903



Deuteranomaly

37.8178, 42.6943, 25.9863



Tritanomaly

34.5398, 43.6525, 45.1334

Monochromacy



Original Color

30.5504, 43.9818, 25.2915



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

32.9675, 39.1258, 34.2482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5504, 43.9818, 25.2915 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(120, 194, 122)` looks like.

```
.text, #text, p{  
    color:rgb(120, 194, 122)  
}
```

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(120, 194, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 194, 122) }
```

Border

The CSS property to change the border of an element to XYZ 30.5504, 43.9818, 25.2915 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(120, 194, 122) }
```


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

```
.border{ border-color:rgb(120, 194, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 194, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 194, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 194, 122); box-shadow:4px 4px 4px 4px rgb(120, 194, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5504, 43.9818, 25.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 194, 122) }
```

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

```
.background{ background-color: rgb(120,  
194, 122) }
```

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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