

Converting Colors

XYZ(30.7327, 52.1326, 26.0605)

Have a look what the booklet for
XYZ(30.7327, 52.1326, 26.0605)
contains.

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Color

**XYZ(30.8755, 52.3595,
26.2484)**

Conversions

Conversions Part 1

Format	Color
Hex	48D978
RGB	72, 217, 120
RGB Percent	28%, 85%, 47%
CMY	0.7176, 0.1490, 0.5294
CMYK	0.67, 0.00, 0.45, 0.15
HSL	140°, 66%, 57%
HSV	140°, 67%, 85%
XYZ	30.8755, 52.3595, 26.2484
YIQ	162.5870, -55.2830, -60.9070

Conversions

Conversions Part 2

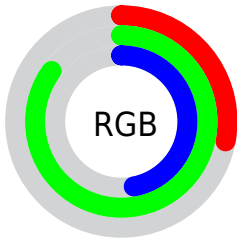
Format	Color
RYB	72, 181, 217
Decimal	4774264
CIELab	77.50, -59.28, 36.73
CIELCh	77, 69.738, 148.223
Yxy	52.3595, 0.2820, 0.4782
Android (android.graphics.Color)	4282964344 (0xFF48D978)
YUV	162.5870, -20.9954, -79.4448
Hunter-Lab	72.3599, -50.4649, 29.1446

Details

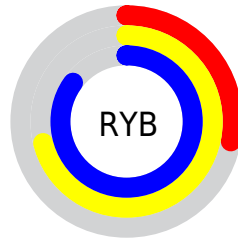
The XYZ color **30.8755, 52.3595, 26.2484** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **38.0956, 22.2520, 39.8248**, and the grayscale version is **34.7336, 36.5425, 39.7948**.

A 20% lighter version of the original color is **53.4562, 79.7714, 52.1151**, and **13.8190, 25.9194, 9.9048** is the 20% darker color. If you saturate the color by 10%, you get **28.7190, 51.3435, 21.8926**, and if you desaturate by 10%, it is **33.7389, 53.7275, 31.3369**.

Distribution



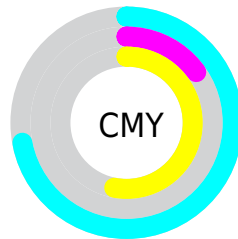
- Red (28%)
- Green (85%)
- Blue (47%)



- Red (28%)
- Yellow (71%)
- Blue (85%)



- Cyan (67%)
- Magenta (0%)
- Yellow (45%)
- Black (15%)





- Cyan (72%)
- Magenta (15%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8755, 52.3595, 26.2484 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 30.8755, 52.3595, 26.2484 by changing the saturation by 10% instead.


 30.8755, 52.3595,
26.2484


 30.8755, 52.3595,
26.2484


297.8015,
395.8229, 297.6435


 20.6554, 37.2917,
16.7821


 60.4212, 93.6612,
54.6644


 12.9834, 25.4334,
9.9190


 80.4775, 120.6639,
74.4512

 7.4940, 16.4003,
5.2404


 104.5433,
152.4137, 98.5153

 3.8220, 9.8078,
2.3278

 132.9839,
189.2950, 127.2752

 1.6019, 5.2717,
0.7467

166.1646,
231.6922, 161.1494

 0.3937, 2.4076,
0.0000

204.4509,

 0.0000, 0.8298,

279.9896, 200.5565

0.0000

248.2081,
334.5717, 245.9150

■ 0.0000, 0.0000,
0.0000

■ 30.8755, 52.3595,
26.2484

■ 30.8755, 52.3595,
26.2484

■ 28.7190, 51.3435,
21.8926

■ 33.7389, 53.7275,
31.3369

■ 27.1963, 50.6380,
18.2313

■ 37.3649, 55.4710,
37.1866


■ 26.2205, 50.2004,
15.2279

■ 41.8078, 57.6190,
43.8288

■ 25.9782, 50.0935,
14.4027


■ 47.1159, 60.1957,
51.2919

■ 53.3334, 63.2234,
59.6030

 60.5014, 66.7228,
68.7878

 68.6587, 70.7134,
78.8710

 77.8417, 75.2133,
89.8762

 83.4119, 77.8309,
101.6075

Harmonies

Analogous

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



38.5208, 52.3595, 13.5092



30.8755, 52.3595, 26.2484



28.1517, 52.3595, 54.7468

Triad

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



30.8755, 52.3595, 26.2484



48.9693, 52.3595, 167.5563



76.1779, 52.3595, 28.6900

Complementary

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



30.8755, 52.3595, 26.2484



38.0956, 22.2520, 39.8248

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.



80.3137, 52.3595, 59.3360



30.8755, 52.3595, 26.2484



63.0112, 52.3595, 150.2155

Square

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



30.8755, 52.3595, 26.2484



37.3628, 52.3595, 145.8807



75.1187, 52.3595, 105.5273



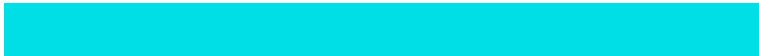
64.6492, 52.3595, 14.4070

Rectangle

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



30.8755, 52.3595, 26.2484



29.0387, 52.3595, 83.4206



75.1187, 52.3595, 105.5273



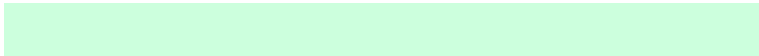
78.5609, 52.3595, 36.8613

Sweetspot

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



30.8768, 52.3616, 26.2496



73.6974, 89.5716, 81.7296



42.7971, 58.7633, 15.2180



15.2286, 18.9063, 16.7648



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.



30.8768, 52.3616, 26.2496



40.4269, 73.5445, 29.3703



36.8268, 54.7416, 57.5816



13.0634, 14.6770, 14.7968



15.7690, 30.3402, 8.9488



1.0607, 1.9812, 0.7858

Inverse Universe

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



38.0956, 22.2520, 39.8248



51.4437, 27.2356, 49.8229



33.1663, 20.2802, 13.8672



13.4216, 13.1977, 15.4812



20.4745, 10.1908, 17.4104



1.3657, 0.6759, 1.3345

Previews

White Background



This preview shows how the XYZ color 30.8755, 52.3595, 26.2484 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 30.8755, 52.3595, 26.2484 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 30.8755, 52.3595, 26.2484

Background



This preview shows how black text looks on a background with the XYZ color 30.8755, 52.3595, 26.2484.



This preview shows how white text looks on a background with the XYZ color 30.8755, 52.3595,

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

30.8755, 52.3595, 26.2484

Protanopia

47.2404, 51.3626, 22.1760

Deuteranopia

52.3028, 51.3453, 27.5761



Tritanopia

40.8418, 51.9398, 76.9800

Trichromacy



Original Color

30.8755, 52.3595, 26.2484



Protanomaly

37.9896, 49.8944, 23.5479



Deuteranomaly

40.0114, 49.1688, 26.7837



Tritanomaly

36.0716, 51.4309, 53.9249

Monochromacy



Original Color

30.8755, 52.3595, 26.2484



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

31.4059, 40.7194, 33.8081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8755, 52.3595, 26.2484 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(72, 217, 120)` looks like.

```
.text, #text, p{  
    color:rgb(72, 217, 120)  
}
```

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(72, 217, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 217, 120) }
```

Border

The CSS property to change the border of an element to XYZ 30.8755, 52.3595, 26.2484 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(72, 217, 120) }
```


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

```
.border{ border-color:rgb(72, 217, 120) }
```

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

Here you see how a box with a 4 pixel rgb(72, 217, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 217, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 217, 120);  
box-shadow:4px 4px 4px 4px rgb(72, 217,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8755, 52.3595, 26.2484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 217, 120) }
```

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

```
.background{ background-color: rgb(72, 217,  
120) }
```

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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