

Converting Colors

XYZ(29.2552, 48.2577, 35.8490)

Have a look what the booklet for
XYZ(29.2552, 48.2577, 35.8490)
contains.

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Color

**XYZ(29.2725, 48.3199,
35.8008)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED194
RGB	46, 209, 148
RGB Percent	18%, 82%, 58%
CMY	0.8196, 0.1804, 0.4196
CMYK	0.78, 0.00, 0.29, 0.18
HSL	158°, 64%, 50%
HSV	158°, 78%, 82%
XYZ	29.2725, 48.3199, 35.8008
YIQ	153.3090, -77.5670, -53.5270

Conversions

Conversions Part 2

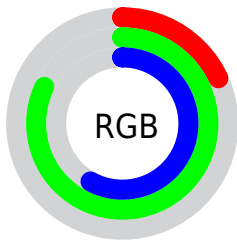
Format	Color
RYB	46, 146, 209
Decimal	3068308
CIELab	75.03, -54.70, 18.90
CIELCh	75, 57.870, 160.937
Yxy	48.3199, 0.2582, 0.4261
Android (android.graphics.Color)	4281258388 (0xFF2ED194)
YUV	153.3090, -2.6173, -94.1100
Hunter-Lab	69.5125, -46.4786, 18.1228

Details

The XYZ color **29.2725, 48.3199, 35.8008** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **29.9270, 16.5721, 15.5336**, and the grayscale version is **30.4497, 32.0355, 34.8866**.

A 20% lighter version of the original color is **53.8919, 79.6358, 68.4080**, and **13.5489, 23.6455, 15.1592** is the 20% darker color. If you saturate the color by 10%, you get **27.9518, 47.7094, 32.6162**, and if you desaturate by 10%, it is **31.0955, 49.1870, 39.2295**.

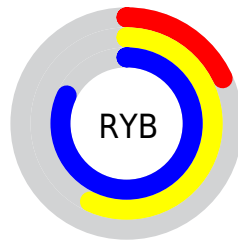
Distribution



Red (18%)

Green (82%)

Blue (58%)



Red (18%)

Yellow (57%)

Blue (82%)

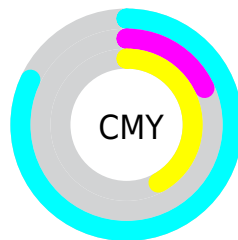


Cyan (78%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (82%)


Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2725, 48.3199, 35.8008 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 29.2725, 48.3199, 35.8008 by changing the saturation by 10% instead.


 29.2725, 48.3199,
35.8008


 29.2725, 48.3199,
35.8008


290.4696,
380.0587, 343.1001

 19.4324, 34.0803,
23.9919


 57.9043, 87.6805,
69.8901


 12.0890, 22.9553,
15.1155


 77.4267, 113.5703,
93.0075


 6.8769, 14.5605,
8.7529


 100.9073,
144.1123, 120.7316

 3.4309, 8.5115,
4.4858

 128.7113,
179.6908, 153.4809

 1.3855, 4.4240,
1.8955

 161.2042,
220.6904, 191.6738

 0.2459, 1.9134,
0.4898

198.7513,

 0.0000, 0.5564,

267.4953, 235.7289

0.0000

241.7180,
320.4899, 286.0648

■ 0.0000, 0.0000,
0.0000

■ 29.2725, 48.3199,
35.8008

■ 29.2725, 48.3199,
35.8008

■ 27.9518, 47.7094,
32.6162

■ 31.0955, 49.1870,
39.2295

■ 27.0434, 47.3055,
29.6640

■ 33.4765, 50.3355,
42.9058

■ 26.8834, 47.2355,
29.0965

■ 36.4675, 51.7935,
46.8374

■ 40.1133, 53.5840,
51.0302

■ 44.4544, 55.7277,
55.4900

■ 49.5280, 58.2437,
60.2222

■ 55.3683, 61.1497,
65.2322

■ 62.0077, 64.4621,
70.5250

■ 69.4764, 68.1966,
76.1056

Harmonies

Analogous

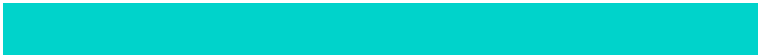
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.8566, 48.3199, 19.7558



29.2725, 48.3199, 35.8008



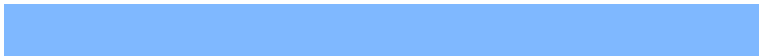
28.7239, 48.3199, 64.4447

Triad

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



29.2725, 48.3199, 35.8008



49.8911, 48.3199, 132.9396



63.0524, 48.3199, 22.9494

Complementary

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



29.2725, 48.3199, 35.8008



29.9270, 16.5721, 15.5336

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.



68.9082, 48.3199, 42.3246



29.2725, 48.3199, 35.8008



60.5703, 48.3199, 109.9625

Square

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



29.2725, 48.3199, 35.8008



39.6039, 48.3199, 129.0187



67.9359, 48.3199, 74.0021



52.8888, 48.3199, 14.5479

Rectangle

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



29.2725, 48.3199, 35.8008



30.6081, 48.3199, 88.5626



67.9359, 48.3199, 74.0021



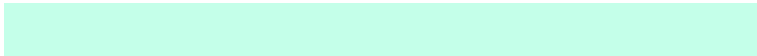
65.6555, 48.3199, 28.0054

Sweetspot

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



29.2738, 48.3218, 35.8019



73.3313, 89.1888, 90.4786



29.5386, 49.0188, 10.4902



15.0930, 18.7913, 18.7928



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.



29.2738, 48.3218, 35.8019



42.7801, 74.3514, 47.8334



31.0468, 42.0060, 66.7955



11.9629, 13.3289, 14.1612



16.6240, 29.1425, 18.1982



0.9673, 1.6446, 1.2165

Inverse Universe

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



29.9270, 16.5721, 15.5336



43.9653, 22.6303, 15.4176



28.6804, 17.5364, 4.4587



11.9891, 11.8804, 13.2185



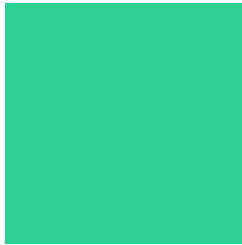
17.1092, 8.7165, 5.4813



0.9947, 0.5026, 0.5067

Previews

White Background



This preview shows how the XYZ color 29.2725, 48.3199, 35.8008 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 29.2725, 48.3199, 35.8008 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

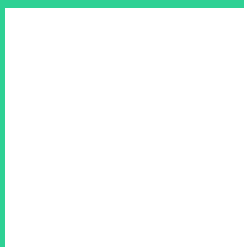
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2725, 48.3199, 35.8008

Background



This preview shows how black text looks on a background with the XYZ color 29.2725, 48.3199, 35.8008.

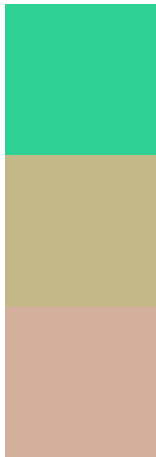


This preview shows how white text looks on a background with the XYZ color 29.2725, 48.3199,

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

29.2725, 48.3199, 35.8008

Protanopia

44.1424, 47.3803, 30.1113

Deuteranopia

48.3057, 47.2661, 37.5876



Tritanopia

36.4423, 48.0158, 72.3130

Trichromacy



Original Color

29.2725, 48.3199, 35.8008



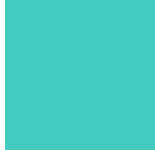
Protanomaly

34.5678, 45.2554, 31.7242



Deuteranomaly

36.4132, 44.8127, 36.4363



Tritanomaly

33.1438, 47.7024, 56.7508

Monochromacy



Original Color

29.2725, 48.3199, 35.8008



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.4689, 35.6989, 34.7210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2725, 48.3199, 35.8008 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(46, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(46, 209, 148)  
}
```

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(46, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 209, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.2725, 48.3199, 35.8008 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(46, 209, 148) }
```


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

```
.border{ border-color:rgb(46, 209, 148) }
```

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

Here you see how a box with a 4 pixel rgb(46, 209, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 209, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 209, 148);  
box-shadow:4px 4px 4px 4px rgb(46, 209,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2725, 48.3199, 35.8008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 209, 148) }
```

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

```
.background{ background-color: rgb(46, 209,  
148) }
```

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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