

Converting Colors

XYZ(28.8367, 48.9530, 35.5451)

Have a look what the booklet for
XYZ(28.8367, 48.9530, 35.5451)
contains.

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Color

**XYZ(28.7577, 48.7967,
35.5068)**

Conversions

Conversions Part 1

Format	Color
Hex	0FD393
RGB	15, 211, 147
RGB Percent	6%, 83%, 58%
CMY	0.9411, 0.1725, 0.4235
CMYK	0.93, 0.00, 0.30, 0.17
HSL	160°, 87%, 44%
HSV	160°, 93%, 83%
XYZ	28.7577, 48.7967, 35.5068
YIQ	145.1000, -96.2720, -61.4560

Conversions

Conversions Part 2

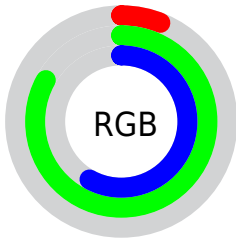
Format	Color
RYB	15, 132, 211
Decimal	1037203
CIELab	75.32, -57.97, 19.79
CIELCh	75, 61.260, 161.148
Yxy	48.7967, 0.2544, 0.4316
Android (android.graphics.Color)	4279227283 (0xFF0FD393)
YUV	145.1000, 0.9367, -114.0977
Hunter-Lab	69.8546, -48.7609, 18.7614

Details

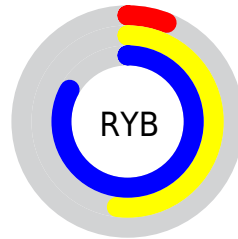
The XYZ color **28.7577, 48.7967, 35.5068** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **28.4478, 14.7562, 8.7488**, and the grayscale version is **26.9809, 28.3860, 30.9124**.

A 20% lighter version of the original color is **52.2465, 78.8012, 67.7148**, and **13.8327, 24.2872, 15.0252** is the 20% darker color. If you saturate the color by 10%, you get **28.1851, 48.5463, 33.5152**, and if you desaturate by 10%, it is **29.8505, 49.2969, 38.4669**.

Distribution



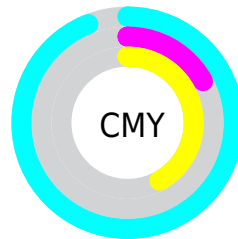
- Red (6%)
- Green (83%)
- Blue (58%)



- Red (6%)
- Yellow (52%)
- Blue (83%)



- Cyan (93%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)



- Cyan (94%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7577, 48.7967, 35.5068 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 28.7577, 48.7967, 35.5068 by changing the saturation by 10% instead.


 28.7577, 48.7967,
35.5068


 28.7577, 48.7967,
35.5068


288.0849,
381.9414, 341.7717


 19.0410, 34.4582,
23.7669


 57.0921, 88.3894,
69.4306


 11.8041, 23.2459,
14.9502


 76.4405, 114.4125,
92.4515


 6.6816, 14.7751,
8.6382


 99.7302, 145.0992,
120.0699

 3.3084, 8.6617,
4.4124

 127.3265,
180.8340, 152.7042

 1.3189, 4.5212,
1.8542

 159.5947,
222.0012, 190.7730

 0.1973, 1.9692,
0.4633

196.9003,

 0.0000, 0.5895,

268.9852, 234.6948

0.0000

239.6086,
322.1705, 284.8882

■ 0.0000, 0.0000,
0.0000

■ 28.7577, 48.7967,
35.5068

■ 28.7577, 48.7967,
35.5068

■ 28.1851, 48.5463,
33.5152

■ 29.8505, 49.2969,
38.4669

■ 31.4086, 50.0320,
41.6197

■ 33.5003, 51.0383,
44.9722

■ 36.1813, 52.3444,
48.5297

■ 39.4997, 53.9752,
52.2972

■ 43.4989, 55.9529,
56.2793

■ 48.2182, 58.2977,
60.4804

■ 53.6939, 61.0282,
64.9047

■ 59.9596, 64.1618,
69.5562

Harmonies

Analogous

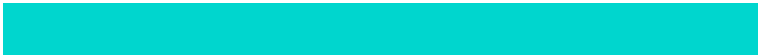
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.5409, 48.7967, 18.7789



28.7577, 48.7967, 35.5068



28.2137, 48.7967, 66.0461

Triad

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



28.7577, 48.7967, 35.5068



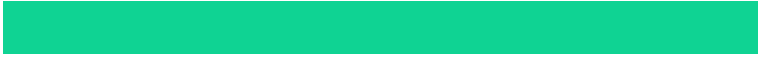
50.6937, 48.7967, 140.1554



64.6705, 48.7967, 21.8806

Complementary

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



28.7577, 48.7967, 35.5068



28.4478, 14.7562, 8.7488

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.



71.0336, 48.7967, 42.0204



28.7577, 48.7967, 35.5068



62.1368, 48.7967, 114.8450

Square

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



28.7577, 48.7967, 35.5068



39.7290, 48.7967, 136.0787



70.0378, 48.7967, 75.7939



53.7342, 48.7967, 13.4001

Rectangle

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



28.7577, 48.7967, 35.5068



30.2067, 48.7967, 92.0965



70.0378, 48.7967, 75.7939



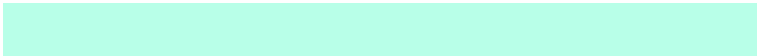
67.4893, 48.7967, 27.0766

Sweetspot

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



28.7590, 48.7986, 35.5079



69.9521, 87.4693, 89.3052



26.7188, 48.3453, 8.3758



14.3237, 18.4000, 18.5211



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.



28.7590, 48.7986, 35.5079



43.1803, 74.4881, 50.9950



27.9434, 36.7807, 67.2570



11.9873, 13.3387, 14.2897



17.0580, 29.3161, 20.4831



0.9894, 1.6534, 1.3331

Inverse Universe

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



28.4478, 14.7562, 8.7488



42.8118, 21.8887, 10.2072



27.9952, 15.9716, 2.0598



11.9656, 11.8710, 13.0948



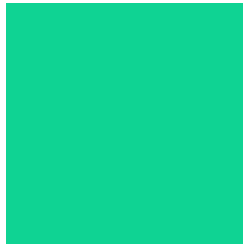
16.9010, 8.6332, 4.3849



0.9812, 0.4972, 0.4361

Previews

White Background



This preview shows how the XYZ color 28.7577, 48.7967, 35.5068 looks on a white background.

Color Contrast Check

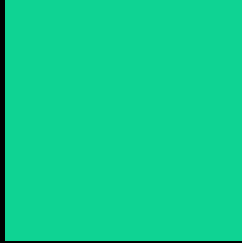
Large Text (above 18pt) WCAG AA × Fail

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 28.7577, 48.7967, 35.5068 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

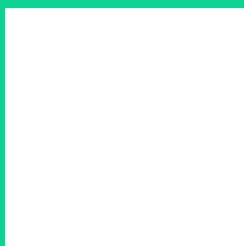
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7577, 48.7967, 35.5068

Background



This preview shows how black text looks on a background with the XYZ color 28.7577, 48.7967, 35.5068.



This preview shows how white text looks on a background with the XYZ color 28.7577, 48.7967,

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

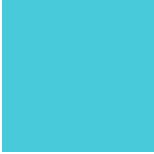
28.7577, 48.7967, 35.5068

Protanopia

44.8024, 48.0360, 29.8322

Deuteranopia

48.7899, 47.8079, 37.6667



Tritanopia

36.4479, 48.6807, 73.8050

Trichromacy



Original Color

28.7577, 48.7967, 35.5068



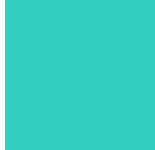
Protanomaly

33.3121, 45.2729, 31.4089



Deuteranomaly

34.6803, 44.2376, 36.4166



Tritanomaly

32.7110, 48.1722, 57.4433

Monochromacy



Original Color

28.7577, 48.7967, 35.5068



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.4133, 33.0479, 32.2863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7577, 48.7967, 35.5068 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(15, 211, 147)` looks like.

```
.text, #text, p{  
    color:rgb(15, 211, 147)  
}
```

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(15, 211, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 211, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.7577, 48.7967, 35.5068 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(15, 211, 147) }
```


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

```
.border{ border-color:rgb(15, 211, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 211, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 211, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 211, 147);  
box-shadow:4px 4px 4px 4px rgb(15, 211,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7577, 48.7967, 35.5068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 211, 147) }
```

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

```
.background{ background-color: rgb(15, 211,  
147) }
```

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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