

Converting Colors

XYZ(27.4582, 48.4210, 28.7907)

Have a look what the booklet for
XYZ(27.4582, 48.4210, 28.7907)
contains.

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Color

**XYZ(27.3318, 48.2122,
28.6342)**

Conversions

Conversions Part 1

Format	Color
Hex	06D381
RGB	6, 211, 129
RGB Percent	2%, 83%, 51%
CMY	0.9764, 0.1725, 0.4941
CMYK	0.97, 0.00, 0.39, 0.17
HSL	156°, 94%, 43%
HSV	156°, 97%, 83%
XYZ	27.3318, 48.2122, 28.6342
YIQ	140.3570, -95.8580, -68.9620

Conversions

Conversions Part 2

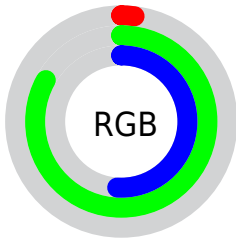
Format	Color
RYB	6, 134, 211
Decimal	447361
CIELab	74.96, -62.04, 28.69
CIELCh	75, 68.350, 155.182
Yxy	48.2122, 0.2624, 0.4628
Android (android.graphics.Color)	4278637441 (0xFF06D381)
YUV	140.3570, -5.5990, -117.8311
Hunter-Lab	69.4350, -51.2481, 24.1540

Details

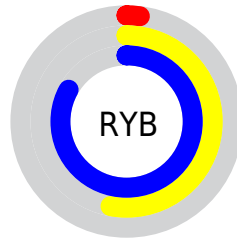
The XYZ color **27.3318, 48.2122, 28.6342** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **28.6925, 14.6849, 10.5586**, and the grayscale version is **25.1166, 26.4246, 28.7764**.

A 20% lighter version of the original color is **50.0162, 77.8820, 57.1963**, and **13.1326, 24.0072, 11.3388** is the 20% darker color. If you saturate the color by 10%, you get **27.0996, 48.1120, 27.7989**, and if you desaturate by 10%, it is **28.2974, 48.6438, 31.7316**.

Distribution



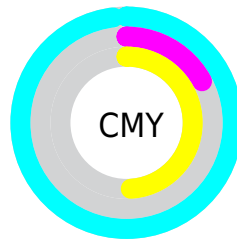
- Red (2%)
- Green (83%)
- Blue (51%)



- Red (2%)
- Yellow (53%)
- Blue (83%)



- Cyan (97%)
- Magenta (0%)
- Yellow (39%)
- Black (17%)





- Cyan (98%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3318, 48.2122, 28.6342 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 27.3318, 48.2122, 28.6342 by changing the saturation by 10% instead.


 27.3318, 48.2122,
28.6342


 27.3318, 48.2122,
28.6342


281.3984,
379.6326, 309.4918


 17.9604, 33.9950,
18.5611


 54.8320, 87.5203,
58.5306


 11.0211, 22.8897,
11.1800


 73.6915, 113.3799,
79.1910


 6.1484, 14.5121,
6.0723


 96.4445, 143.8891,
104.2176

 2.9771, 8.4777,
2.8196

 123.4563,
179.4323, 134.0288

 1.1416, 4.4021,
1.0033

 155.0922,
220.3938, 169.0434

 0.0595, 1.9009,
0.0000

191.7176,

 0.0000, 0.5489,

267.1581, 209.6797

0.0000

233.6979,
320.1096, 256.3563

■ 0.0000, 0.0000,
0.0000

■ 27.3318, 48.2122,
28.6342

■ 27.3318, 48.2122,
28.6342

■ 27.0996, 48.1120,
27.7989

■ 28.2974, 48.6438,
31.7316

■ 29.7036, 49.2957,
35.0963

■ 31.6318, 50.2111,
38.7384

■ 34.1422, 51.4209,
42.6660

■ 37.2865, 52.9517,
46.8867

■ 41.1102, 54.8268,
51.4077

■ 45.6548, 57.0674,
56.2355

■ 50.9580, 59.6930,
61.3768

■ 57.0550, 62.7216,
66.8377

Harmonies

Analogous

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



33.3560, 48.2122, 14.0064



27.3318, 48.2122, 28.6342



25.8601, 48.2122, 58.9417

Triad

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



27.3318, 48.2122, 28.6342



48.0232, 48.2122, 154.8160



68.3362, 48.2122, 22.0472

Complementary

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



27.3318, 48.2122, 28.6342



28.6925, 14.6849, 10.5586

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.



74.0766, 48.2122, 46.5362



27.3318, 48.2122, 28.6342



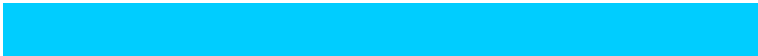
61.0667, 48.2122, 130.9508

Square

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



27.3318, 48.2122, 28.6342



36.4829, 48.2122, 142.6881



71.2009, 48.2122, 86.8962



56.6378, 48.2122, 11.5909

Rectangle

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



27.3318, 48.2122, 28.6342



27.3775, 48.2122, 87.4510



71.2009, 48.2122, 86.8962



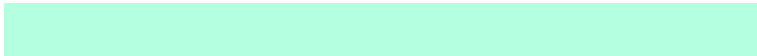
71.1145, 48.2122, 28.3709

Sweetspot

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



27.3330, 48.2141, 28.6353



68.4754, 86.8089, 84.6800



27.6848, 48.8494, 8.1425



14.0057, 18.2597, 17.4380



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.



27.3330, 48.2141, 28.6353



41.5091, 73.8196, 42.1943



31.1079, 43.2907, 68.3467



11.9498, 13.3237, 14.0920



16.4058, 29.0553, 17.0489



0.9559, 1.6400, 1.1567

Inverse Universe

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



28.6925, 14.6849, 10.5586



43.6387, 22.2195, 14.5613



27.2063, 14.4793, 1.5336



12.0019, 11.8855, 13.2856



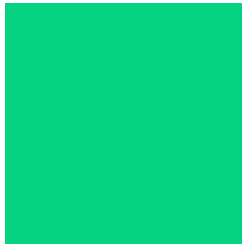
17.2353, 8.7670, 6.1453



1.0024, 0.5057, 0.5477

Previews

White Background



This preview shows how the XYZ color 27.3318, 48.2122, 28.6342 looks on a white background.

Color Contrast Check

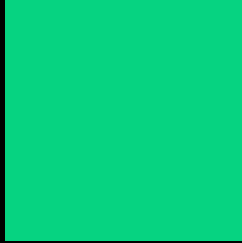
Large Text (above 18pt) WCAG AA × Fail

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 27.3318, 48.2122, 28.6342 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 27.3318, 48.2122, 28.6342

Background



This preview shows how black text looks on a background with the XYZ color 27.3318, 48.2122, 28.6342.

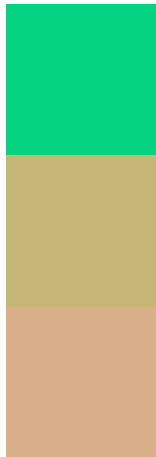


This preview shows how white text looks on a background with the XYZ color 27.3318, 48.2122,

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

27.3318, 48.2122, 28.6342

Protanopia

43.7567, 47.3171, 23.9664

Deuteranopia

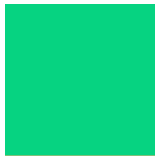
48.1642, 47.0650, 30.2128



Tritanopia

36.3915, 48.3195, 73.0542

Trichromacy



Original Color

27.3318, 48.2122, 28.6342



Protanomaly

31.6361, 44.2122, 25.2788



Deuteranomaly

33.1015, 43.2631, 29.1602



Tritanomaly

31.9535, 47.8692, 53.4545

Monochromacy



Original Color

27.3318, 48.2122, 28.6342



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

22.3945, 31.2742, 28.1488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3318, 48.2122, 28.6342 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(6, 211, 129)` looks like.

```
.text, #text, p{  
    color:rgb(6, 211, 129)  
}
```

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(6, 211, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 211, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.3318, 48.2122, 28.6342 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(6, 211, 129) }
```


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

```
.border{ border-color:rgb(6, 211, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 211, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 211, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 211, 129);  
box-shadow:4px 4px 4px 4px rgb(6, 211,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3318, 48.2122, 28.6342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 211, 129) }
```

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

```
.background{ background-color: rgb(6, 211,  
129) }
```

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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