

Converting Colors

XYZ(29.4342, 52.7315, 28.3655)

Have a look what the booklet for
XYZ(29.4342, 52.7315, 28.3655)
contains.

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Color

**XYZ(29.4342, 52.7315,
28.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	06DC7E
RGB	6, 220, 126
RGB Percent	2%, 86%, 49%
CMY	0.9764, 0.1372, 0.5059
CMYK	0.97, 0.00, 0.43, 0.14
HSL	154°, 95%, 44%
HSV	154°, 97%, 86%
XYZ	29.4342, 52.7315, 28.3655
YIQ	145.2980, -97.3700, -74.6020

Conversions

Conversions Part 2

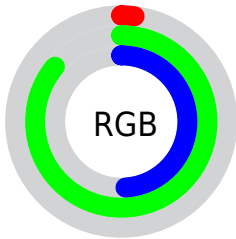
Format	Color
RYB	6, 143, 220
Decimal	449662
CIELab	77.72, -65.67, 33.85
CIELCh	78, 73.879, 152.734
Yxy	52.7315, 0.2663, 0.4771
Android (android.graphics.Color)	4278639742 (0xFF06DC7E)
YUV	145.2980, -9.5139, -122.1643
Hunter-Lab	72.6165, -54.7260, 27.6716

Details

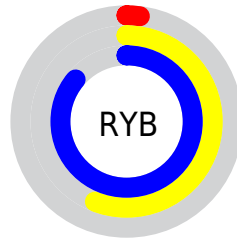
The XYZ color **29.4342, 52.7315, 28.3655** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **31.8827, 16.2672, 13.5202**, and the grayscale version is **27.1034, 28.5148, 31.0527**.

A 20% lighter version of the original color is **50.0616, 77.9411, 55.5856**, and **14.3672, 26.7024, 11.0535** is the 20% darker color. If you saturate the color by 10%, you get **29.1919, 52.6275, 27.4769**, and if you desaturate by 10%, it is **30.4938, 53.2036, 31.8308**.

Distribution



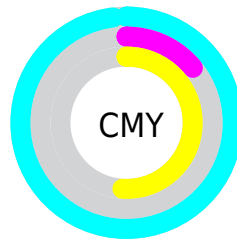
- Red (2%)
- Green (86%)
- Blue (49%)



- Red (2%)
- Yellow (56%)
- Blue (86%)



- Cyan (97%)
- Magenta (0%)
- Yellow (43%)
- Black (14%)





- Cyan (98%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4342, 52.7315, 28.3655 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 29.4342, 52.7315, 28.3655 by changing the saturation by 10% instead.


 29.4342, 52.7315,
28.3655


 29.4342, 52.7315,
28.3655


291.2155,
397.2541, 308.1760


 19.5555, 37.5885,
18.3599


 58.1590, 94.2092,
58.0976


 12.1787, 25.6634,
11.0366


 77.7358, 121.3126,
78.6611


 6.9386, 16.5720,
5.9770


 101.2760,
153.1716, 103.5811

 3.4697, 9.9298,
2.7625

 129.1450,
190.1705, 133.2760

 1.4067, 5.3525,
0.9747

 161.7081,
232.6939, 168.1644

 0.2610, 2.4555,
0.0000

199.3306,

 0.0000, 0.8542,

281.1260, 208.6649

0.0000

242.3780,
335.8513, 255.1959

■ 0.0000, 0.0000,
0.0000

■ 29.4342, 52.7315,
28.3655

■ 29.4342, 52.7315,
28.3655

■ 29.1919, 52.6275,
27.4769

■ 30.4938, 53.2036,
31.8308

■ 32.0468, 53.9215,
35.6410

■ 34.1839, 54.9331,
39.8099

■ 36.9726, 56.2732,
44.3484

■ 40.4705, 57.9712,
49.2669

■ 44.7288, 60.0533,
54.5751

■ 49.7936, 62.5432,
60.2825

■ 55.7072, 65.4626,
66.3978

■ 62.5090, 68.8315,
72.9298

Harmonies

Analogous

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



36.6717, 52.7315, 13.3803



29.4342, 52.7315, 28.3655



27.3639, 52.7315, 61.2549

Triad

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



29.4342, 52.7315, 28.3655



51.4429, 52.7315, 177.4802



76.9934, 52.7315, 24.4903

Complementary

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



29.4342, 52.7315, 28.3655



31.8827, 16.2672, 13.5202

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.



82.9115, 52.7315, 53.7402



29.4342, 52.7315, 28.3655



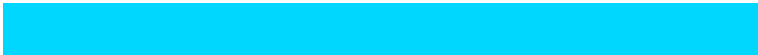
66.5089, 52.7315, 152.4122

Square

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



29.4342, 52.7315, 28.3655



38.5477, 52.7315, 159.7286



78.7530, 52.7315, 101.5809



63.8028, 52.7315, 12.0074

Rectangle

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



29.4342, 52.7315, 28.3655



28.7944, 52.7315, 93.5463



78.7530, 52.7315, 101.5809



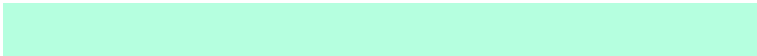
80.0016, 52.7315, 32.0410

Sweetspot

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



29.4355, 52.7336, 28.3667



68.0818, 86.6514, 82.6069



31.1418, 54.0445, 8.9630



13.9117, 18.2221, 16.9426



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.



29.4355, 52.7336, 28.3667



40.7167, 73.5027, 38.0214



35.8693, 50.9567, 75.6579



13.1907, 14.7279, 15.4673



17.1887, 30.9081, 16.4252



1.1566, 2.0196, 1.2908

Inverse Universe

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



31.8827, 16.2672, 13.5202



44.1656, 22.4302, 17.3358



29.7453, 15.6215, 1.6202



13.2924, 13.1461, 14.8013



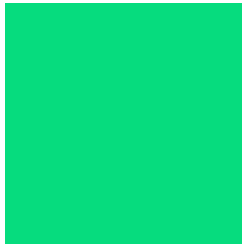
18.6326, 9.4541, 7.7115



1.2499, 0.6296, 0.7251

Previews

White Background



This preview shows how the XYZ color 29.4342, 52.7315, 28.3655 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 29.4342, 52.7315, 28.3655 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 29.4342, 52.7315, 28.3655

Background



This preview shows how black text looks on a background with the XYZ color 29.4342, 52.7315, 28.3655.



This preview shows how white text looks on a background with the XYZ color 29.4342, 52.7315,

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

29.4342, 52.7315, 28.3655

Protanopia

47.5204, 51.4746, 23.6507

Deuteranopia

52.4652, 51.3739, 30.0726



Tritanopia

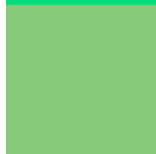
39.5398, 52.2973, 79.2446

Trichromacy



Original Color

29.4342, 52.7315, 28.3655



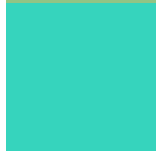
Protanomaly

34.2081, 48.2561, 24.9642



Deuteranomaly

35.7588, 47.2568, 29.0666



Tritanomaly

34.2501, 51.5454, 56.2882

Monochromacy



Original Color

29.4342, 52.7315, 28.3655



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

23.9561, 33.7197, 29.2907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4342, 52.7315, 28.3655 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, 220, 126)` looks like.

```
.text, #text, p{  
    color:rgb(6, 220, 126)  
}
```

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, 220, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 220, 126) }
```

Border

The CSS property to change the border of an element to XYZ 29.4342, 52.7315, 28.3655 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, 220, 126) }
```


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

```
.border{ border-color:rgb(6, 220, 126) }
```

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

Here you see how a box with a 4 pixel rgb(6, 220, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 220, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 220, 126);  
box-shadow:4px 4px 4px 4px rgb(6, 220,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4342, 52.7315, 28.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 220, 126) }
```

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

```
.background{ background-color: rgb(6, 220,  
126) }
```

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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