

Converting Colors

XYZ(25.6026, 46.8655, 17.4822)

Have a look what the booklet for
XYZ(25.6026, 46.8655, 17.4822)
contains.

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Color

**XYZ(25.6032, 46.8277,
17.5867)**

Conversions

Conversions Part 1

Format	Color
Hex	29D15B
RGB	41, 209, 91
RGB Percent	16%, 82%, 36%
CMY	0.8392, 0.1804, 0.6431
CMYK	0.80, 0.00, 0.56, 0.18
HSL	138°, 67%, 49%
HSV	138°, 80%, 82%
XYZ	25.6032, 46.8277, 17.5867
YIQ	145.3160, -62.2500, -72.3140

Conversions

Conversions Part 2

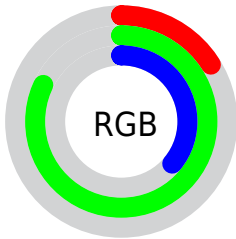
Format	Color
RYB	41, 170, 209
Decimal	2740571
CIELab	74.08, -65.36, 46.39
CIELCh	74, 80.148, 144.634
Yxy	46.8277, 0.2844, 0.5202
Android (android.graphics.Color)	4280930651 (0xFF29D15B)
YUV	145.3160, -26.7778, -91.4851
Hunter-Lab	68.4308, -52.9685, 32.6640

Details

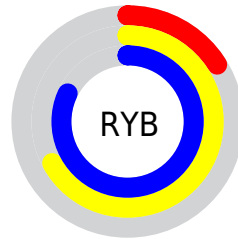
The XYZ color **25.6032, 46.8277, 17.5867** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **33.3467, 17.6450, 34.4498**, and the grayscale version is **27.1670, 28.5818, 31.1255**.

A 20% lighter version of the original color is **47.9965, 77.2466, 38.7660**, and **11.7574, 22.9289, 5.7255** is the 20% darker color. If you saturate the color by 10%, you get **24.4077, 46.2789, 14.5428**, and if you desaturate by 10%, it is **27.3669, 47.6578, 21.3059**.

Distribution



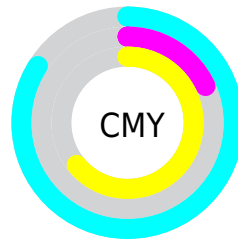
- Red (16%)
- Green (82%)
- Blue (36%)



- Red (16%)
- Yellow (67%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (56%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6032, 46.8277, 17.5867 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 25.6032, 46.8277, 17.5867 by changing the saturation by 10% instead.

■ 25.6032, 46.8277,
17.5867

■ 25.6032, 46.8277,
17.5867

273.1213,
374.1264, 250.6884

■ 16.6581, 32.8995,
10.4873

■ 52.0700, 85.4564,
40.1362

■ 10.0848, 22.0494,
5.6134

■ 70.3224, 110.9256,
56.4234

■ 5.5180, 13.8932,
2.5465

■ 92.4081, 141.0106,
76.6102

■ 2.5921, 8.0464,
0.8647

■ 118.6922,
176.0958, 101.1153

■ 0.9419, 4.1247,
0.0000

■ 149.5403,
216.5656, 130.3571

■ 0.0000, 1.7436,
0.0000

185.3176,

■ 0.0000, 0.4516,

262.8044, 164.7542

0.0000

226.3895,
315.1965, 204.7251

■ 0.0000, 0.0000,
0.0000

■ 25.6032, 46.8277,
17.5867

■ 25.6032, 46.8277,
17.5867

■ 24.4077, 46.2789,
14.5428

■ 27.3669, 47.6578,
21.3059


■ 23.6765, 45.9529,
12.2089


■ 29.7634, 48.7977,
25.7352


■ 32.8520, 50.2785,
30.9107


■ 36.6836, 52.1260,
36.8650

■ 41.3045, 54.3632,
43.6289

 46.7569, 57.0114,
51.2314

 53.0801, 60.0903,
59.6999

 60.3108, 63.6181,
69.0608

 68.4835, 67.6122,
79.3391

Harmonies

Analogous

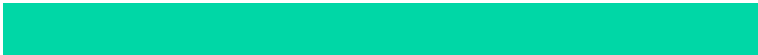
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.9800, 46.8277, 7.6300



25.6032, 46.8277, 17.5867



22.3200, 46.8277, 43.9553

Triad

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



25.6032, 46.8277, 17.5867



41.9800, 46.8277, 176.8732



74.5575, 46.8277, 24.6552

Complementary

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



25.6032, 46.8277, 17.5867



33.3467, 17.6450, 34.4498

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.



77.9761, 46.8277, 58.7321



25.6032, 46.8277, 17.5867



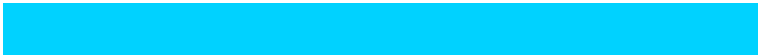
57.0135, 46.8277, 161.6620

Square

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



25.6032, 46.8277, 17.5867



30.3852, 46.8277, 146.2463



70.9803, 46.8277, 111.6822



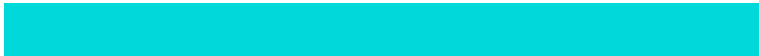
62.4436, 46.8277, 9.9059

Rectangle

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



25.6032, 46.8277, 17.5867



22.8117, 46.8277, 73.6426



70.9803, 46.8277, 111.6822



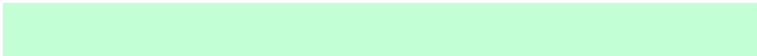
76.8577, 46.8277, 33.5321

Sweetspot

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



25.6043, 46.8296, 17.5878



69.8424, 87.7171, 75.5472



37.9809, 53.3819, 10.3998



14.2968, 18.4583, 15.2577



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.



25.6043, 46.8296, 17.5878



37.4513, 72.2113, 20.1599



31.2204, 49.0760, 47.1613



11.7990, 13.2634, 13.2981



14.6358, 28.3472, 7.7281



0.8533, 1.5990, 0.6161

Inverse Universe

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



33.3467, 17.6450, 34.4498



49.8088, 24.8646, 46.5064



28.4423, 15.6833, 8.6238



12.1546, 11.9466, 14.0901



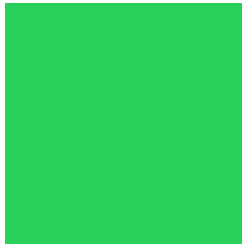
19.4949, 9.6708, 18.0440



1.1240, 0.5543, 1.1880

Previews

White Background



This preview shows how the XYZ color 25.6032, 46.8277, 17.5867 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 25.6032, 46.8277, 17.5867 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 25.6032, 46.8277, 17.5867

Background



This preview shows how black text looks on a background with the XYZ color 25.6032, 46.8277, 17.5867.



This preview shows how white text looks on a background with the XYZ color 25.6032, 46.8277,

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

25.6032, 46.8277, 17.5867

Protanopia

41.8663, 45.9363, 14.6426

Deuteranopia

46.6167, 45.6603, 18.6683



Tritanopia

35.8400, 46.4070, 69.3558

Trichromacy



Original Color

25.6032, 46.8277, 17.5867



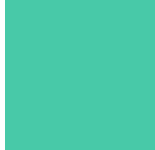
Protanomaly

31.4258, 43.6683, 15.3668



Deuteranomaly

33.0242, 42.5296, 17.7777



Tritanomaly

30.6270, 45.9782, 44.3062

Monochromacy



Original Color

25.6032, 46.8277, 17.5867



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

23.7677, 32.6117, 24.4440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6032, 46.8277, 17.5867 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(41, 209, 91)` looks like.

```
.text, #text, p{  
    color:rgb(41, 209, 91)  
}
```

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(41, 209, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 209, 91) }
```

Border

The CSS property to change the border of an element to XYZ 25.6032, 46.8277, 17.5867 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(41, 209, 91) }
```


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

```
.border{ border-color:rgb(41, 209, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 209, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 209, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 209, 91);  
box-shadow:4px 4px 4px 4px rgb(41, 209,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6032, 46.8277, 17.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 209, 91) }
```

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

```
.background{ background-color: rgb(41, 209,  
91) }
```

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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