

Converting Colors

XYZ(26.7156, 46.1299, 30.3675)

Have a look what the booklet for
XYZ(26.7156, 46.1299, 30.3675)
contains.

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Color

**XYZ(26.6582, 46.0020,
30.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	10CE87
RGB	16, 206, 135
RGB Percent	6%, 81%, 53%
CMY	0.9372, 0.1921, 0.4706
CMYK	0.92, 0.00, 0.34, 0.19
HSL	158°, 86%, 44%
HSV	158°, 92%, 81%
XYZ	26.6582, 46.0020, 30.3959
YIQ	141.0960, -90.4490, -62.3610

Conversions

Conversions Part 2

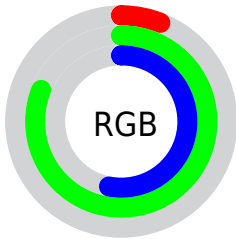
Format	Color
R _Y B	16, 133, 206
Decimal	1101447
CIE Lab	73.55, -58.69, 23.68
CIE LCh	74, 63.284, 158.027
Yxy	46.0020, 0.2587, 0.4464
Android (android.graphics.Color)	4279291527 (0xFF10CE87)
YUV	141.0960, -3.0053, -109.7092
Hunter-Lab	67.8248, -48.5348, 20.9063

Details

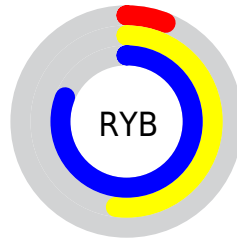
The XYZ color **26.6582, 46.0020, 30.3959** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **27.3611, 14.1818, 10.3162**, and the grayscale version is **25.3946, 26.7171, 29.0949**.

A 20% lighter version of the original color is **50.7710, 78.1974, 60.5618**, and **12.5460, 22.4686, 12.2700** is the 20% darker color. If you saturate the color by 10%, you get **26.0356, 45.7296, 28.2289**, and if you desaturate by 10%, it is **27.7567, 46.5046, 33.3813**.

Distribution



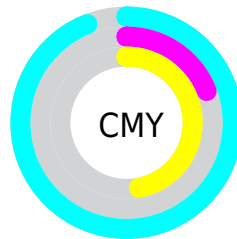
- Red (6%)
- Green (81%)
- Blue (53%)



- Red (6%)
- Yellow (52%)
- Blue (81%)



- Cyan (92%)
- Magenta (0%)
- Yellow (34%)
- Black (19%)



- Cyan (94%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6582, 46.0020, 30.3959 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 26.6582, 46.0020, 30.3959 by changing the saturation by 10% instead.

■ 26.6582, 46.0020,
30.3959

■ 26.6582, 46.0020,
30.3959

278.1962,
370.8167, 318.0101

■ 17.4519, 32.2474,
19.8847

■ 53.7587, 84.2220,
61.3561

■ 10.6545, 21.5505,
12.1280

■ 72.3836, 109.4562,
82.6422

■ 5.9006, 13.5270,
6.7073

■ 94.8788, 139.2857,
108.3569

■ 2.8248, 7.7924,
3.2041

■ 121.6096,
174.0949, 138.9189

■ 1.0618, 3.9624,
1.1998

■ 152.9414,
214.2682, 174.7467

■ 0.0000, 1.6526,
0.0000

189.2395,

■ 0.0000, 0.3927,

260.1900, 216.2588

0.0000

230.8693,
312.2447, 263.8737

■ 0.0000, 0.0000,
0.0000

■ 26.6582, 46.0020,
30.3959

■ 26.6582, 46.0020,
30.3959

■ 26.0356, 45.7296,
28.2289

■ 27.7567, 46.5046,
33.3813

■ 29.3092, 47.2354,
36.5957

■ 31.3792, 48.2283,
40.0473

■ 34.0188, 49.5100,
43.7423

■ 37.2734, 51.1039,
47.6867

■ 41.1838, 53.0308,
51.8861

■ 45.7871, 55.3100,
56.3460

■ 51.1174, 57.9588,
61.0715

■ 57.2068, 60.9937,
66.0676

Harmonies

Analogous

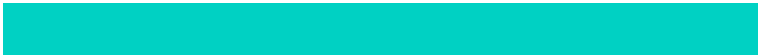
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.7681, 46.0020, 15.5500



26.6582, 46.0020, 30.3959



25.6981, 46.0020, 59.1903

Triad

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



26.6582, 46.0020, 30.3959



46.7958, 46.0020, 139.1806



62.9468, 46.0020, 20.9200

Complementary

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



26.6582, 46.0020, 30.3959



27.3611, 14.1818, 10.3162

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.



68.6636, 46.0020, 41.9708



26.6582, 46.0020, 30.3959



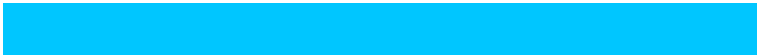
58.3552, 46.0020, 115.9579

Square

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



26.6582, 46.0020, 30.3959



36.1600, 46.0020, 131.6693



66.8537, 46.0020, 76.8502



52.2744, 46.0020, 11.9307

Rectangle

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



26.6582, 46.0020, 30.3959



27.3543, 46.0020, 84.9615



66.8537, 46.0020, 76.8502



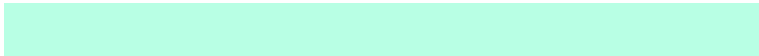
65.5879, 46.0020, 26.3634

Sweetspot

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



26.6594, 46.0038, 30.3970



69.4790, 87.2800, 86.8141



26.2708, 46.2979, 8.0427



14.2095, 18.3543, 17.9193



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.



26.6594, 46.0038, 30.3970



42.0791, 74.0476, 45.1958



28.4619, 38.7805, 64.3799



11.3585, 12.6532, 13.4455



16.0797, 28.1772, 17.6364



0.8655, 1.4680, 1.0995

Inverse Universe

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



27.3611, 14.1818, 10.3162



43.3192, 22.0917, 12.8787



26.2471, 14.5577, 1.9174



11.3828, 11.2819, 12.5506



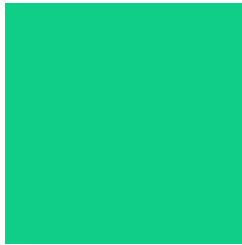
16.5415, 8.4272, 5.3041



0.8899, 0.4493, 0.4659

Previews

White Background



This preview shows how the XYZ color 26.6582, 46.0020, 30.3959 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 26.6582, 46.0020, 30.3959 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 26.6582, 46.0020, 30.3959

Background



This preview shows how black text looks on a background with the XYZ color 26.6582, 46.0020, 30.3959.

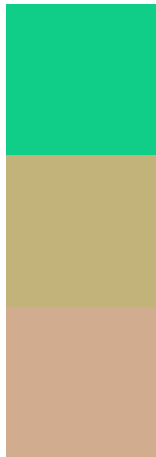


This preview shows how white text looks on a background with the XYZ color 26.6582, 46.0020,

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

26.6582, 46.0020, 30.3959

Protanopia

41.9434, 45.1396, 25.2411

Deuteranopia

46.0049, 45.0435, 32.2561



Tritanopia

34.3712, 45.6498, 69.2871

Trichromacy



Original Color

26.6582, 46.0020, 30.3959



Protanomaly

31.0816, 42.5946, 26.6621



Deuteranomaly

32.5216, 41.6634, 31.1387



Tritanomaly

30.7222, 45.4993, 52.5104

Monochromacy



Original Color

26.6582, 46.0020, 30.3959



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

22.9392, 31.2611, 29.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6582, 46.0020, 30.3959 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(16, 206, 135)` looks like.

```
.text, #text, p{  
    color:rgb(16, 206, 135)  
}
```

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(16, 206, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 206, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.6582, 46.0020, 30.3959 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(16, 206, 135) }
```


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

```
.border{ border-color:rgb(16, 206, 135) }
```

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

Here you see how a box with a 4 pixel rgb(16, 206, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 206, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 206, 135);  
box-shadow:4px 4px 4px 4px rgb(16, 206,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6582, 46.0020, 30.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 206, 135) }
```

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

```
.background{ background-color: rgb(16, 206,  
135) }
```

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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