

Converting Colors

XYZ(21.7438, 43.0521, 26.0705)

Have a look what the booklet for
XYZ(21.7438, 43.0521, 26.0705)
contains.

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Color

**XYZ(25.4694, 45.1179,
26.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	00CD7C
RGB	0, 205, 124
RGB Percent	0%, 80%, 49%
CMY	0.9999, 0.1961, 0.5137
CMYK	1.00, 0.00, 0.40, 0.20
HSL	156°, 100%, 40%
HSV	156°, 100%, 80%
XYZ	25.4694, 45.1179, 26.4350
YIQ	134.4710, -96.1790, -68.6510

Conversions

Conversions Part 2

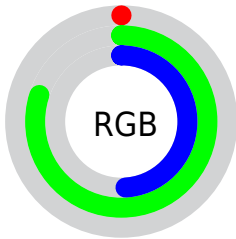
Format	Color
RYB	0, 128, 205
Decimal	52604
CIELab	72.97, -61.14, 28.63
CIELCh	73, 67.508, 154.909
Yxy	45.1179, 0.2625, 0.4650
Android (android.graphics.Color)	4278242684 (0xFF00CD7C)
YUV	134.4710, -5.1622, -117.9311
Hunter-Lab	67.1699, -49.8638, 23.6851

Details

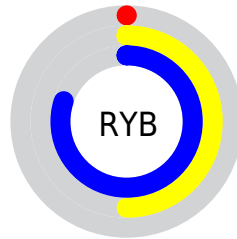
The XYZ color **25.4694, 45.1179, 26.4350** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **26.6637, 13.5742, 9.0023**, and the grayscale version is **22.8794, 24.0709, 26.2132**.

A 20% lighter version of the original color is **49.1753, 77.5191, 53.9659**, and **11.9835, 21.9893, 10.0913** is the 20% darker color. If you saturate the color by 10%, you get **25.4701, 45.1195, 26.4343**, and if you desaturate by 10%, it is **26.3031, 45.4873, 29.2603**.

Distribution



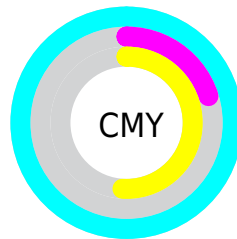
- Red (0%)
- Green (80%)
- Blue (49%)



- Red (0%)
- Yellow (50%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4694, 45.1179, 26.4350 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 25.4694, 45.1179, 26.4350 by changing the saturation by 10% instead.


 25.4694, 45.1179,
26.4350


 25.4694, 45.1179,
26.4350


272.4723,
367.2508, 298.5841


 16.5577, 31.5503,
16.9207


 51.8551, 82.8973,
54.9686


 10.0130, 21.0182,
10.0166

 70.0599, 107.8779,
74.8249


 5.4699, 13.1373,
5.3042


 92.0931, 137.4316,
98.9656

 2.5631, 7.5232,
2.3650

 118.3200,
171.9429, 127.8092

 0.9272, 3.7914,
0.7673

 149.1060,
211.7960, 161.7744

 0.0000, 1.5576,
0.0000

184.8165,

 0.0000, 0.3287,

257.3754, 201.2795

0.0000

225.8168,
309.0656, 246.7433

■ 0.0000, 0.0000,
0.0000

■ 25.4694, 45.1179,
26.4350

■ 25.4694, 45.1179,
26.4350

■ 25.4701, 45.1195,
26.4343

■ 26.3031, 45.4873,
29.2603

■ 27.4958, 46.0355,
32.3263

■ 29.1579, 46.8206,
35.6439

■ 31.3482, 47.8729,
39.2207

■ 34.1168, 49.2179,
43.0637

■ 37.5075, 50.8783,
47.1793

■ 41.5598, 52.8743,
51.5738

■ 46.3098, 55.2243,
56.2532

■ 51.7909, 57.9456,
61.2231

Harmonies

Analogous

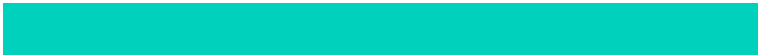
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.1848, 45.1179, 12.8236



25.4694, 45.1179, 26.4350



24.0454, 45.1179, 54.8870

Triad

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



25.4694, 45.1179, 26.4350



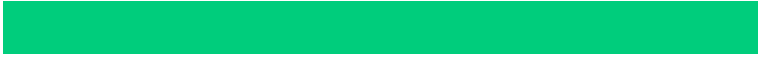
44.8503, 45.1179, 146.2233



64.2653, 45.1179, 20.5720

Complementary

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



25.4694, 45.1179, 26.4350



26.6637, 13.5742, 9.0023

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.



69.6360, 45.1179, 43.7824



25.4694, 45.1179, 26.4350



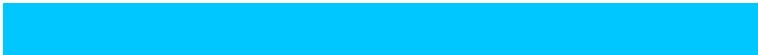
57.1928, 45.1179, 123.8198

Square

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



25.4694, 45.1179, 26.4350



33.9785, 45.1179, 134.3852



66.8365, 45.1179, 82.0826



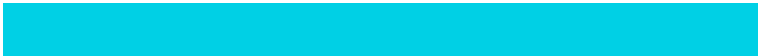
53.2217, 45.1179, 10.6878

Rectangle

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



25.4694, 45.1179, 26.4350



25.4478, 45.1179, 81.8186



66.8365, 45.1179, 82.0826



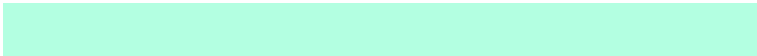
66.8776, 45.1179, 26.5593

Sweetspot

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



25.4706, 45.1197, 26.4360



67.7944, 86.4680, 84.1875



25.3127, 45.4586, 7.4407



13.8790, 18.1961, 17.3513



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.



25.4706, 45.1197, 26.4360



41.6125, 73.8610, 42.7390



28.2655, 38.8990, 63.7783



11.3482, 12.6490, 13.3911



15.9034, 28.1067, 16.7081



0.8572, 1.4647, 1.0553

Inverse Universe

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



26.6637, 13.5742, 9.0023



43.5773, 22.1949, 14.2383



25.4372, 13.4983, 1.2651



11.3929, 11.2859, 12.6034



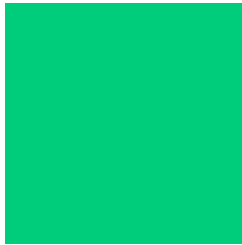
16.6421, 8.4674, 5.8339



0.8956, 0.4517, 0.4962

Previews

White Background



This preview shows how the XYZ color 25.4694, 45.1179, 26.4350 looks on a white background.

Color Contrast Check

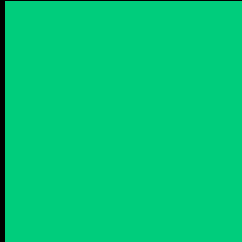
Large Text (above 18pt) WCAG AA × Fail

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 25.4694, 45.1179, 26.4350 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 25.4694, 45.1179, 26.4350

Background



This preview shows how black text looks on a background with the XYZ color 25.4694, 45.1179, 26.4350.



This preview shows how white text looks on a background with the XYZ color 25.4694, 45.1179,

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

25.4694, 45.1179, 26.4350

Protanopia

40.8933, 44.3705, 22.0318

Deuteranopia

45.1179, 44.1170, 27.9673



Tritanopia

34.0970, 45.1892, 68.5533

Trichromacy



Original Color

25.4694, 45.1179, 26.4350



Protanomaly

29.3625, 41.4617, 23.2850



Deuteranomaly

30.7275, 40.5203, 26.9706



Tritanomaly

29.7324, 44.7059, 49.7099

Monochromacy



Original Color

25.4694, 45.1179, 26.4350



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.3464, 28.6846, 25.5834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4694, 45.1179, 26.4350 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(0, 205, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 124)  
}
```

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(0, 205, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 124) }
```

Border

The CSS property to change the border of an element to XYZ 25.4694, 45.1179, 26.4350 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(0, 205, 124) }
```


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

```
.border{ border-color:rgb(0, 205, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4694, 45.1179, 26.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 124) }
```

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

```
.background{ background-color: rgb(0, 205,  
124) }
```

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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