

Converting Colors

XYZ(25.5830, 45.1643, 26.7348)

Have a look what the booklet for
XYZ(25.5830, 45.1643, 26.7348)
contains.

XYZ(25.5956, 45.1756, 26.7728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.5956, 45.1756,
26.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	05CD7D
RGB	5, 205, 125
RGB Percent	2%, 80%, 49%
CMY	0.9803, 0.1961, 0.5098
CMYK	0.98, 0.00, 0.39, 0.20
HSL	156°, 95%, 41%
HSV	156°, 98%, 80%
XYZ	25.5956, 45.1756, 26.7728
YIQ	136.0800, -93.5200, -67.2800

Conversions

Conversions Part 2

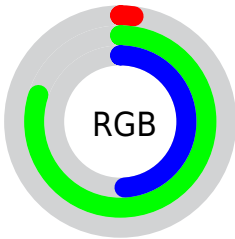
Format	Color
RYB	5, 130, 205
Decimal	380285
CIELab	73.01, -60.77, 28.16
CIELCh	73, 66.978, 155.134
Yxy	45.1756, 0.2624, 0.4631
Android (android.graphics.Color)	4278570365 (0xFF05CD7D)
YUV	136.0800, -5.4624, -114.9572
Hunter-Lab	67.2128, -49.6470, 23.4320

Details

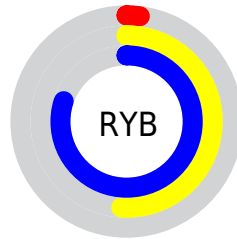
The XYZ color **25.5956, 45.1756, 26.7728** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **26.8726, 13.7447, 9.8346**, and the grayscale version is **23.4791, 24.7018, 26.9002**.

A 20% lighter version of the original color is **49.3894, 77.6179, 54.4981**, and **12.0174, 22.0029, 10.2702** is the 20% darker color. If you saturate the color by 10%, you get **25.4070, 45.0943, 26.1025**, and if you desaturate by 10%, it is **26.4936, 45.5767, 29.6648**.

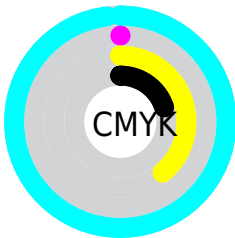
Distribution



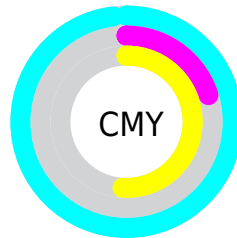
- Red (2%)
- Green (80%)
- Blue (49%)



- Red (2%)
- Yellow (51%)
- Blue (80%)



- Cyan (98%)
- Magenta (0%)
- Yellow (39%)
- Black (20%)





- Cyan (98%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5956, 45.1756, 26.7728 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 25.5956, 45.1756, 26.7728 by changing the saturation by 10% instead.


 25.5956, 45.1756,
26.7728


 25.5956, 45.1756,
26.7728


273.0845,
367.4843, 300.2807


 16.6524, 31.5958,
17.1717


 52.0578, 82.9839,
55.5184


 10.0808, 21.0529,
10.1938


 70.3075, 107.9811,
75.5000


 5.5152, 13.1627,
5.4203


 92.3902, 137.5528,
99.7788

 2.5904, 7.5407,
2.4329

 118.6711,
172.0836, 128.7734

 0.9411, 3.8025,
0.8043

 149.5156,
211.9577, 162.9024

 0.0000, 1.5637,
0.0000

185.2891,

 0.0000, 0.3329,

257.5596, 202.5842

0.0000

226.3570,
309.2737, 248.2375

■ 0.0000, 0.0000,
0.0000

■ 25.5956, 45.1756,
26.7728

■ 25.5956, 45.1756,
26.7728

■ 25.4070, 45.0943,
26.1025

■ 26.4936, 45.5767,
29.6648

■ 27.7975, 46.1807,
32.8058

■ 29.5872, 47.0299,
36.2058

■ 31.9191, 48.1533,
39.8722

■ 34.8415, 49.5757,
43.8121

■ 38.3972, 51.3190,
48.0321

■ 42.6246, 53.4030,
52.5385

■ 47.5593, 55.8458,
57.3373

■ 53.2341, 58.6643,
62.4344

Harmonies

Analogous

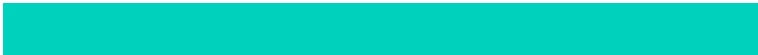
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.2528, 45.1756, 13.0808



25.5956, 45.1756, 26.7728



24.2087, 45.1756, 55.1803

Triad

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



25.5956, 45.1756, 26.7728



44.9822, 45.1756, 145.2605



64.0799, 45.1756, 20.6540

Complementary

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



25.5956, 45.1756, 26.7728



26.8726, 13.7447, 9.8346

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.



69.4566, 45.1756, 43.6470



25.5956, 45.1756, 26.7728



57.2239, 45.1756, 122.8962

Square

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



25.5956, 45.1756, 26.7728



34.1590, 45.1756, 133.8171



66.7442, 45.1756, 81.5447



53.1054, 45.1756, 10.8391

Rectangle

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



25.5956, 45.1756, 26.7728



25.6272, 45.1756, 81.9287



66.7442, 45.1756, 81.5447



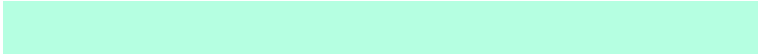
66.6844, 45.1756, 26.5907

Sweetspot

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



25.5968, 45.1774, 26.7738



68.4755, 86.8089, 84.6801



25.9168, 45.7668, 7.6120



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.



25.5968, 45.1774, 26.7738



41.5091, 73.8196, 42.1944



29.1381, 40.5513, 64.0512



11.3459, 12.6481, 13.3787



15.8643, 28.0910, 16.5022



0.8553, 1.4639, 1.0454

Inverse Universe

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



26.8726, 13.7447, 9.8346



43.6387, 22.2195, 14.5612



25.4861, 13.5523, 1.4166



11.3951, 11.2868, 12.6154



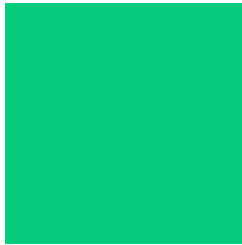
16.6659, 8.4770, 5.9594



0.8970, 0.4522, 0.5033

Previews

White Background



This preview shows how the XYZ color 25.5956, 45.1756, 26.7728 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 25.5956, 45.1756, 26.7728 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 25.5956, 45.1756, 26.7728

Background



This preview shows how black text looks on a background with the XYZ color 25.5956, 45.1756, 26.7728.



This preview shows how white text looks on a background with the XYZ color 25.5956, 45.1756,

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

25.5956, 45.1756, 26.7728

Protanopia

40.9500, 44.3932, 22.3300

Deuteranopia

45.1867, 44.1445, 28.3295



Tritanopia

34.0970, 45.1892, 68.5533

Trichromacy



Original Color

25.5956, 45.1756, 26.7728



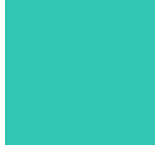
Protanomaly

29.7107, 41.6344, 23.6099



Deuteranomaly

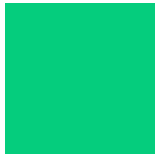
30.9544, 40.6296, 27.3299



Tritanomaly

29.9283, 44.7951, 50.2490

Monochromacy



Original Color

25.5956, 45.1756, 26.7728



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.9342, 29.2304, 26.3685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5956, 45.1756, 26.7728 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(5, 205, 125)` looks like.

```
.text, #text, p{  
    color:rgb(5, 205, 125)  
}
```

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(5, 205, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 205, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.5956, 45.1756, 26.7728 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(5, 205, 125) }
```


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

```
.border{ border-color:rgb(5, 205, 125) }
```

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

Here you see how a box with a 4 pixel rgb(5, 205, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 205, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 205, 125);  
box-shadow:4px 4px 4px 4px rgb(5, 205,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5956, 45.1756, 26.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 205, 125) }
```

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

```
.background{ background-color: rgb(5, 205,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor