

Converting Colors

XYZ(26.5765, 45.1438, 21.7653)

Have a look what the booklet for
XYZ(26.5765, 45.1438, 21.7653)
contains.

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Color

**XYZ(26.5705, 45.0812,
21.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	45CB6D
RGB	69, 203, 109
RGB Percent	27%, 80%, 43%
CMY	0.7294, 0.2039, 0.5725
CMYK	0.66, 0.00, 0.46, 0.20
HSL	138°, 56%, 53%
HSV	138°, 66%, 80%
XYZ	26.5705, 45.0812, 21.7691
YIQ	152.2180, -49.6900, -57.6420

Conversions

Conversions Part 2

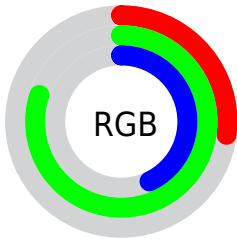
Format	Color
RYB	69, 172, 203
Decimal	4574061
CIELab	72.95, -56.45, 36.41
CIELCh	73, 67.175, 147.182
Yxy	45.0812, 0.2844, 0.4826
Android (android.graphics.Color)	4282764141 (0xFF45CB6D)
YUV	152.2180, -21.3065, -72.9822
Hunter-Lab	67.1425, -46.8611, 27.7766

Details

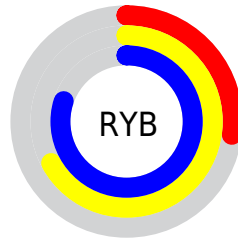
The XYZ color **26.5705, 45.0812, 21.7691** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **33.3690, 19.5980, 36.6759**, and the grayscale version is **30.0448, 31.6094, 34.4227**.

A 20% lighter version of the original color is **51.6417, 78.9539, 46.7003**, and **11.3793, 21.4956, 7.6870** is the 20% darker color. If you saturate the color by 10%, you get **24.6638, 44.1811, 17.9977**, and if you desaturate by 10%, it is **29.0961, 46.2886, 26.2198**.

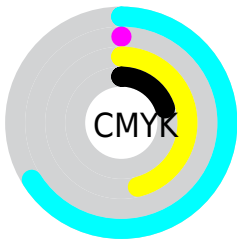
Distribution



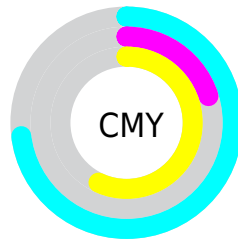
- Red (27%)
- Green (80%)
- Blue (43%)



- Red (27%)
- Yellow (67%)
- Blue (80%)



- Cyan (66%)
- Magenta (0%)
- Yellow (46%)
- Black (20%)



- Cyan (73%)
- Magenta (20%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5705, 45.0812, 21.7691 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 26.5705, 45.0812, 21.7691 by changing the saturation by 10% instead.

■ 26.5705, 45.0812,
21.7691

■ 26.5705, 45.0812,
21.7691

277.7771,
367.1023, 274.2521

■ 17.3858, 31.5214,
13.4906

■ 53.6187, 82.8422,
47.2614

■ 10.6070, 20.9962,
7.6326

■ 72.2128, 107.8123,
65.3122

■ 5.8685, 13.1212,
3.7764

■ 94.6743, 137.3545,
87.4577

■ 2.8052, 7.5121,
1.5035

■ 121.3683,
171.8533, 114.1162

■ 1.0516, 3.7844,
0.2205

■ 152.6602,
211.6931, 145.7064

■ 0.0000, 1.5537,
0.0000

188.9154,

■ 0.0000, 0.3261,

257.2583, 182.6467

0.0000

230.4993,
308.9332, 225.3558

■ 0.0000, 0.0000,
0.0000

■ 26.5705, 45.0812,
21.7691

■ 26.5705, 45.0812,
21.7691

■ 24.6638, 44.1811,
17.9977

■ 29.0961, 46.2886,
26.2198

■ 23.3140, 43.5531,
14.8686

■ 32.2880, 47.8232,
31.3782

■ 22.4499, 43.1625,
12.3457

■ 36.1928, 49.7097,
37.2748

■ 22.1883, 43.0462,
11.4976

■ 40.8516, 51.9688,
43.9373

■ 46.3026, 54.6196,
51.3919

■ 52.5812, 57.6797,
59.6638

■ 59.7205, 61.1658,
68.7768

■ 67.7521, 65.0937,
78.7538

■ 76.7056, 69.4783,
89.6169

Harmonies

Analogous

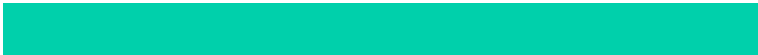
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.3610, 45.0812, 11.1602



26.5705, 45.0812, 21.7691



24.0598, 45.0812, 45.9823

Triad

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



26.5705, 45.0812, 21.7691



41.7505, 45.0812, 145.8092



66.1689, 45.0812, 25.1222

Complementary

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



26.5705, 45.0812, 21.7691



33.3690, 19.5980, 36.6759

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.



69.5105, 45.0812, 52.3258



26.5705, 45.0812, 21.7691



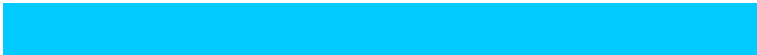
53.9827, 45.0812, 131.7287

Square

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



26.5705, 45.0812, 21.7691



31.7640, 45.0812, 125.6990



64.7005, 45.0812, 93.0014



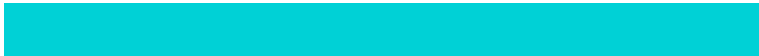
56.2510, 45.0812, 12.3837

Rectangle

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



26.5705, 45.0812, 21.7691



24.7315, 45.0812, 70.7128



64.7005, 45.0812, 93.0014



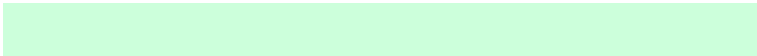
68.1690, 45.0812, 32.3901

Sweetspot

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



26.5716, 45.0830, 21.7701



73.4775, 89.4836, 80.5719



37.9557, 51.1465, 13.5023



15.1765, 18.8854, 16.4904



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.



26.5716, 45.0830, 21.7701



40.2766, 73.4996, 27.8896



31.4482, 47.0337, 47.4500



11.2036, 12.5912, 12.6294



14.1553, 27.4074, 7.5030



0.7640, 1.4274, 0.5647

Inverse Universe

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



33.3690, 19.5980, 36.6759



52.3735, 27.7907, 54.1539



28.9641, 17.8360, 13.4802



11.5393, 11.3445, 13.3747



18.8418, 9.3473, 17.4173



1.0045, 0.4952, 1.0694

Previews

White Background



This preview shows how the XYZ color 26.5705, 45.0812, 21.7691 looks on a white background.

Color Contrast Check

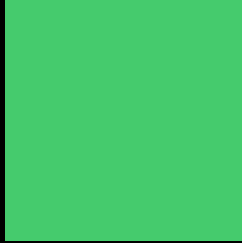
Large Text (above 18pt) WCAG AA × Fail

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 26.5705, 45.0812, 21.7691 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 26.5705, 45.0812, 21.7691

Background



This preview shows how black text looks on a background with the XYZ color 26.5705, 45.0812, 21.7691.



This preview shows how white text looks on a background with the XYZ color 26.5705, 45.0812, 21.7691.

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

26.5705, 45.0812, 21.7691

Protanopia

40.7263, 44.3630, 18.4730

Deuteranopia

45.0262, 44.1799, 22.9841



Tritanopia

35.3677, 44.9136, 65.8366

Trichromacy



Original Color

26.5705, 45.0812, 21.7691



Protanomaly

32.6129, 42.9095, 19.3954



Deuteranomaly

34.4632, 42.2479, 22.2578



Tritanomaly

31.2104, 44.5440, 45.4810

Monochromacy



Original Color

26.5705, 45.0812, 21.7691



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.0329, 35.0410, 28.6314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5705, 45.0812, 21.7691 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(69, 203, 109)` looks like.

```
.text, #text, p{  
    color:rgb(69, 203, 109)  
}
```

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(69, 203, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 203, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.5705, 45.0812, 21.7691 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(69, 203, 109) }
```


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

```
.border{ border-color:rgb(69, 203, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 203, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 203, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 203, 109);  
box-shadow:4px 4px 4px 4px rgb(69, 203,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5705, 45.0812, 21.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 203, 109) }
```

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

```
.background{ background-color: rgb(69, 203,  
109) }
```

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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