

Converting Colors

XYZ(26.8893, 43.8560, 20.2042)

Have a look what the booklet for
XYZ(26.8893, 43.8560, 20.2042)
contains.

XYZ(26.9466, 43.9210, 20.1541)	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(26.9466, 43.9210,
20.1541)**

Conversions

Conversions Part 1

Format	Color
Hex	58C768
RGB	88, 199, 104
RGB Percent	35%, 78%, 41%
CMY	0.6549, 0.2196, 0.5921
CMYK	0.56, 0.00, 0.48, 0.22
HSL	129°, 50%, 56%
HSV	129°, 56%, 78%
XYZ	26.9466, 43.9210, 20.1541
YIQ	154.9810, -35.6610, -53.0770

Conversions

Conversions Part 2

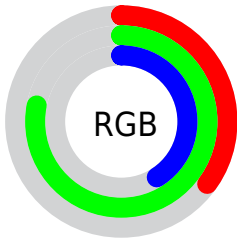
Format	Color
RYB	88, 185, 199
Decimal	5818216
CIELab	72.18, -51.60, 38.05
CIElCh	72, 64.110, 143.598
Yxy	43.9210, 0.2960, 0.4825
Android (android.graphics.Color)	4284008296 (0xFF58C768)
YUV	154.9810, -25.1336, -58.7423
Hunter-Lab	66.2729, -43.3994, 28.3605

Details

The XYZ color **26.9466, 43.9210, 20.1541** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **35.5914, 22.5412, 47.2758**, and the grayscale version is **31.2672, 32.8956, 35.8233**.

A 20% lighter version of the original color is **53.6999, 80.0653, 44.5222**, and **10.8051, 20.2984, 6.8385** is the 20% darker color. If you saturate the color by 10%, you get **24.5343, 42.7687, 15.9727**, and if you desaturate by 10%, it is **30.0499, 45.4118, 25.2818**.

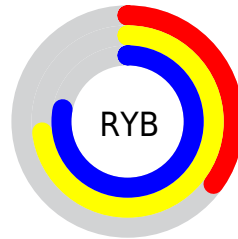
Distribution



Red (35%)

Green (78%)

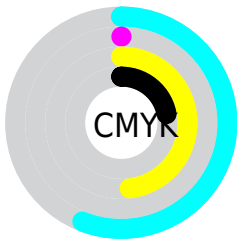
Blue (41%)



Red (35%)

Yellow (73%)

Blue (78%)

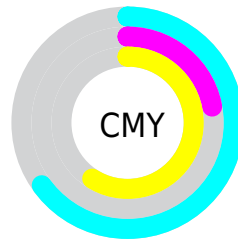


Cyan (56%)

Magenta (0%)

Yellow (48%)

Black (22%)



Cyan (65%)

Magenta (22%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9466, 43.9210, 20.1541 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 26.9466, 43.9210, 20.1541 by changing the saturation by 10% instead.

■ 26.9466, 43.9210,
20.1541

■ 26.9466, 43.9210,
20.1541

279.5707,
362.3858, 265.3799

■ 17.6695, 30.6084,
12.3219

■ 54.2187, 81.0989,
44.5378

■ 10.8112, 20.3008,
6.8381

■ 72.9443, 105.7329,
61.9263

■ 6.0064, 12.6139,
3.2842

■ 95.5502, 134.9096,
83.3374

■ 2.8897, 7.1632,
1.2415

■ 122.4017,
169.0132, 109.1896

■ 1.0957, 3.5644,
0.0131

153.8642,
208.4283, 139.9014

■ 0.0215, 1.4330,
0.0000

190.3029,

■ 0.0000, 0.2409,

253.5391, 175.8913

0.0000

232.0833,
304.7302, 217.5780

■ 0.0000, 0.0000,
0.0000

■ 26.9466, 43.9210,
20.1541

■ 26.9466, 43.9210,
20.1541

■ 24.5343, 42.7687,
15.9727

■ 30.0499, 45.4118,
25.2818

■ 22.7562, 41.9232,
12.6770

■ 33.8888, 47.2593,
31.4056

■ 21.5519, 41.3559,
10.2036

■ 38.5078, 49.4865,
38.5756

■ 20.8460, 41.0294,
8.4799

■ 43.9470, 52.1133,
46.8374

■ 20.6422, 40.9357,
7.9557

■ 50.2438, 55.1580,
56.2341

■ 57.4332, 58.6377,
66.8062

■ 65.5482, 62.5686,
78.5926

■ 74.6202, 66.9663,
91.6301

■ 79.7143, 69.3285,
103.7881

Harmonies

Analogous

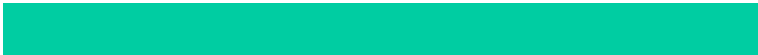
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.8471, 43.9210, 11.0460



26.9466, 43.9210, 20.1541



24.0747, 43.9210, 41.3884

Triad

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



26.9466, 43.9210, 20.1541



39.4340, 43.9210, 136.6617



64.2508, 43.9210, 27.4618

Complementary

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



26.9466, 43.9210, 20.1541



35.5914, 22.5412, 47.2758

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.



66.4547, 43.9210, 54.8911



26.9466, 43.9210, 20.1541



50.7861, 43.9210, 127.4488

Square

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



26.9466, 43.9210, 20.1541



30.4220, 43.9210, 114.9156



61.1614, 43.9210, 93.4617



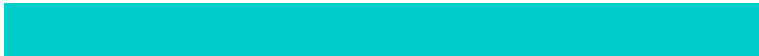
55.5792, 43.9210, 13.7853

Rectangle

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



26.9466, 43.9210, 20.1541



24.3951, 43.9210, 63.5032



61.1614, 43.9210, 93.4617



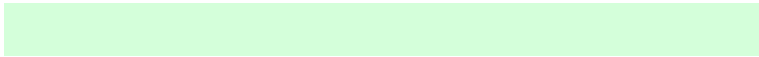
65.8290, 43.9210, 34.9622

Sweetspot

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



26.9477, 43.9228, 20.1551



75.4523, 90.5218, 79.7562



42.0017, 51.7686, 17.0113



15.7183, 19.1669, 16.4186



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.



26.9477, 43.9228, 20.1551



42.1780, 74.5111, 26.5648



30.6465, 45.4024, 39.6328



10.5587, 11.9124, 11.6265



13.2927, 26.3295, 5.2200



0.6500, 1.2549, 0.3558

Inverse Universe

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



35.5914, 22.5412, 47.2758



58.7571, 33.3580, 78.4782



30.9866, 20.6993, 23.0273



11.0148, 10.7893, 13.0613



19.8548, 9.6915, 25.5092



0.9586, 0.4663, 1.3052

Previews

White Background



This preview shows how the XYZ color 26.9466, 43.9210, 20.1541 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 26.9466, 43.9210, 20.1541 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 26.9466, 43.9210, 20.1541

Background



This preview shows how black text looks on a background with the XYZ color 26.9466, 43.9210, 20.1541.



This preview shows how white text looks on a background with the XYZ color 26.9466, 43.9210,

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

26.9466, 43.9210, 20.1541

Protanopia

39.6290, 43.2327, 17.3224

Deuteranopia

44.0786, 43.1722, 21.3391



Tritanopia

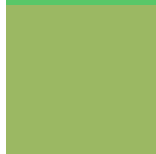
35.4448, 43.7230, 63.0712

Trichromacy



Original Color

26.9466, 43.9210, 20.1541



Protanomaly

32.9102, 42.1504, 18.2057



Deuteranomaly

34.8168, 41.5598, 20.6548



Tritanomaly

31.4182, 43.3729, 43.2751

Monochromacy



Original Color

26.9466, 43.9210, 20.1541



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

28.3669, 35.7287, 28.6938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9466, 43.9210, 20.1541 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(88, 199, 104)` looks like.

```
.text, #text, p{  
    color:rgb(88, 199, 104)  
}
```

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(88, 199, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 199, 104) }
```

Border

The CSS property to change the border of an element to XYZ 26.9466, 43.9210, 20.1541 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(88, 199, 104) }
```


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

```
.border{ border-color:rgb(88, 199, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 199, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 199, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 199, 104);  
box-shadow:4px 4px 4px 4px rgb(88, 199,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9466, 43.9210, 20.1541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 199, 104) }
```

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

```
.background{ background-color: rgb(88, 199,  
104) }
```

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