

Converting Colors

XYZ(26.8284, 43.1926, 19.6615)

Have a look what the booklet for
XYZ(26.8284, 43.1926, 19.6615)
contains.

XYZ(26.8281, 43.1871, 19.7539)	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(26.8281, 43.1871,
19.7539)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC567
RGB	92, 197, 103
RGB Percent	36%, 77%, 40%
CMY	0.6392, 0.2274, 0.5961
CMYK	0.53, 0.00, 0.48, 0.23
HSL	126°, 48%, 57%
HSV	126°, 53%, 77%
XYZ	26.8281, 43.1871, 19.7539
YIQ	154.8890, -32.4060, -51.4940

Conversions

Conversions Part 2

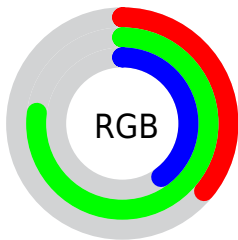
Format	Color
RYB	92, 187, 197
Decimal	6079847
CIELab	71.68, -49.95, 37.95
CIELCh	72, 62.737, 142.773
Yxy	43.1871, 0.2989, 0.4811
Android (android.graphics.Color)	4284269927 (0xFF5CC567)
YUV	154.8890, -25.5813, -55.1537
Hunter-Lab	65.7169, -42.1342, 28.1798

Details

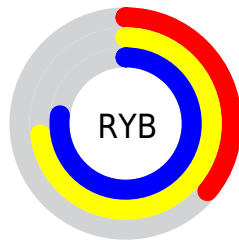
The XYZ color **26.8281, 43.1871, 19.7539** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **35.7174, 23.0706, 49.0264**, and the grayscale version is **31.2274, 32.8537, 35.7776**.

A 20% lighter version of the original color is **53.8370, 79.6735, 43.9935**, and **10.7165, 19.8097, 6.6270** is the 20% darker color. If you saturate the color by 10%, you get **24.3164, 41.9852, 15.4931**, and if you desaturate by 10%, it is **30.0404, 44.7310, 25.0239**.

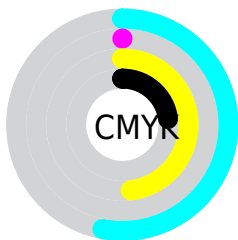
Distribution



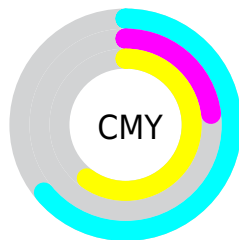
- Red (36%)
- Green (77%)
- Blue (40%)



- Red (36%)
- Yellow (73%)
- Blue (77%)



- Cyan (53%)
- Magenta (0%)
- Yellow (48%)
- Black (23%)



- Cyan (64%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8281, 43.1871, 19.7539 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 26.8281, 43.1871, 19.7539 by changing the saturation by 10% instead.

■ 26.8281, 43.1871,
19.7539

■ 26.8281, 43.1871,
19.7539

279.0066,
359.3807, 263.1397

■ 17.5801, 30.0319,
12.0340

■ 54.0297, 79.9931,
43.8577

■ 10.7468, 19.8628,
6.6440

■ 72.7141, 104.4128,
61.0787

■ 5.9629, 12.2954,
3.1654

■ 95.2745, 133.3561,
82.3038

■ 2.8630, 6.9452,
1.1797

■ 122.0765,
167.2074, 107.9515

■ 1.0817, 3.4278,
0.0000

153.4854,
206.3511, 138.4405

■ 0.0097, 1.3590,
0.0000

189.8664,

■ 0.0000, 0.1862,

251.1716, 174.1891

0.0000

231.5850,
302.0533, 215.6160

■ 0.0000, 0.0000,
0.0000

■ 26.8281, 43.1871,
19.7539

■ 26.8281, 43.1871,
19.7539

■ 24.3164, 41.9852,
15.4931

■ 30.0404, 44.7310,
25.0239

■ 22.4495, 41.0944,
12.1745

■ 33.9970, 46.6346,
31.3589

■ 21.1688, 40.4870,
9.7273

■ 38.7419, 48.9206,
38.8140

■ 20.4030, 40.1281,
8.0694

■ 44.3147, 51.6084,
47.4395

■ 20.0991, 39.9870,
7.3510

■ 50.7525, 54.7160,
57.2829

■ 58.0899, 58.2603,
68.3889

■ 66.3597, 62.2574,
80.8001

■ 75.5931, 66.7225,
94.5568

■ 79.2571, 68.4142,
103.6357

Harmonies

Analogous

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



33.6331, 43.1871, 11.0643



26.8281, 43.1871, 19.7539



23.9251, 43.1871, 40.0363

Triad

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



26.8281, 43.1871, 19.7539



38.5297, 43.1871, 132.2934



62.9282, 43.1871, 27.8078

Complementary

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



26.8281, 43.1871, 19.7539



35.7174, 23.0706, 49.0264

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.



64.8501, 43.1871, 54.7795



26.8281, 43.1871, 19.7539



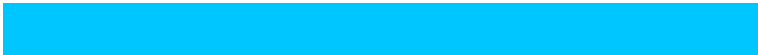
49.4799, 43.1871, 124.2924

Square

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



26.8281, 43.1871, 19.7539



29.8817, 43.1871, 110.7378



59.5707, 43.1871, 92.0767



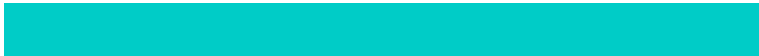
54.6982, 43.1871, 14.1153

Rectangle

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



26.8281, 43.1871, 19.7539



24.1655, 43.1871, 61.1904



59.5707, 43.1871, 92.0767



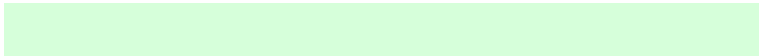
64.3854, 43.1871, 35.2315

Sweetspot

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



26.8292, 43.1889, 19.7549



76.2671, 90.9331, 80.1879



42.2712, 51.2092, 17.7820



15.8710, 19.2448, 16.4629



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.



26.8292, 43.1889, 19.7549



42.9085, 74.8870, 26.6325



30.2975, 44.5762, 38.0188



10.5419, 11.9056, 11.5378



13.2347, 26.3062, 4.9144



0.6423, 1.2519, 0.3152

Inverse Universe

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



35.7174, 23.0706, 49.0264



60.4680, 35.0469, 84.3907



31.1574, 21.2466, 25.0139



11.0334, 10.7967, 13.1590



20.3414, 9.8861, 28.0716



0.9773, 0.4738, 1.4036

Previews

White Background



This preview shows how the XYZ color 26.8281, 43.1871, 19.7539 looks on a white background.

Color Contrast Check

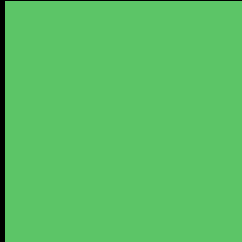
Large Text (above 18pt) WCAG AA × Fail

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 26.8281, 43.1871, 19.7539 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 26.8281, 43.1871, 19.7539

Background



This preview shows how black text looks on a background with the XYZ color 26.8281, 43.1871, 19.7539.



This preview shows how white text looks on a background with the XYZ color 26.8281, 43.1871,

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

26.8281, 43.1871, 19.7539

Protanopia

39.1338, 42.6926, 17.0044

Deuteranopia

43.2115, 42.4649, 20.6709



Tritanopia

35.1718, 42.9797, 61.7005

Trichromacy



Original Color

26.8281, 43.1871, 19.7539



Protanomaly

32.8484, 41.8167, 17.8954



Deuteranomaly

34.5106, 41.1178, 20.0275



Tritanomaly

31.2684, 42.6693, 42.1853

Monochromacy



Original Color

26.8281, 43.1871, 19.7539



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

28.3344, 35.4326, 28.6383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8281, 43.1871, 19.7539 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(92, 197, 103)` looks like.

```
.text, #text, p{  
    color:rgb(92, 197, 103)  
}
```

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(92, 197, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 197, 103) }
```

Border

The CSS property to change the border of an element to XYZ 26.8281, 43.1871, 19.7539 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(92, 197, 103) }
```


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

```
.border{ border-color:rgb(92, 197, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 197, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 197, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 197, 103);  
box-shadow:4px 4px 4px 4px rgb(92, 197,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8281, 43.1871, 19.7539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 197, 103) }
```

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

```
.background{ background-color: rgb(92, 197,  
103) }
```

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