

Converting Colors

XYZ(26.6937, 41.7381, 17.2342)

Have a look what the booklet for
XYZ(26.6937, 41.7381, 17.2342)
contains.

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Color

**XYZ(26.7993, 41.8911,
17.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	68C15E
RGB	104, 193, 94
RGB Percent	41%, 76%, 37%
CMY	0.5922, 0.2431, 0.6314
CMYK	0.46, 0.00, 0.51, 0.24
HSL	114°, 44%, 56%
HSV	114°, 51%, 76%
XYZ	26.7993, 41.8911, 17.2630
YIQ	155.1030, -21.2650, -49.6570

Conversions

Conversions Part 2

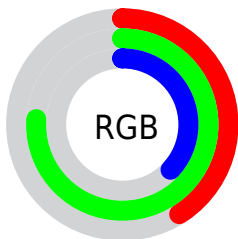
Format	Color
RYB	94, 193, 183
Decimal	6865246
CIELab	70.80, -46.25, 41.40
CIELCh	71, 62.075, 138.168
Yxy	41.8911, 0.3118, 0.4874
Android (android.graphics.Color)	4285055326 (0xFF68C15E)
YUV	155.1030, -30.1238, -44.8173
Hunter-Lab	64.7233, -39.3562, 29.4925

Details

The XYZ color **26.7993, 41.8911, 17.2630** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **33.1587, 21.9242, 52.9384**, and the grayscale version is **31.3382, 32.9703, 35.9046**.

A 20% lighter version of the original color is **53.8711, 77.9201, 39.3949**, and **10.8140, 19.2279, 5.5243** is the 20% darker color. If you saturate the color by 10%, you get **24.2285, 40.6549, 13.1735**, and if you desaturate by 10%, it is **30.0031, 43.4311, 22.5141**.

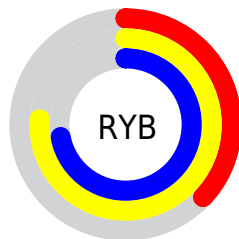
Distribution



Red (41%)

Green (76%)

Blue (37%)



Red (37%)

Yellow (76%)

Blue (72%)

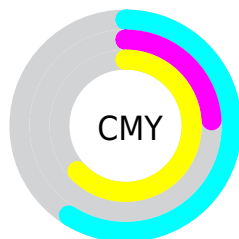


Cyan (46%)

Magenta (0%)

Yellow (51%)

Black (24%)



Cyan (59%)


Magenta (24%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7993, 41.8911, 17.2630 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 26.7993, 41.8911, 17.2630 by changing the saturation by 10% instead.


 26.7993, 41.8911,
17.2630


 26.7993, 41.8911,
17.2630


278.8694,
354.0313, 248.7785


 17.5584, 29.0160,
10.2582

 53.9838, 78.0348,
39.5742


 10.7311, 19.0929,
5.4627


 72.6581, 102.0722,
55.7178

 5.9523, 11.7375,
2.4578


 95.2075, 130.5992,
75.7447

 2.8565, 6.5652,
0.8176

 121.9974,
164.0001, 100.0735

 1.0783, 3.1917,
0.0000

153.3932,
202.6594, 129.1228

 0.0069, 1.2326,
0.0000

189.7602,

 0.0000, 0.0881,

246.9614, 163.3110

0.0000

231.4638,
297.2906, 203.0567

■ 0.0000, 0.0000,
0.0000

■ 26.7993, 41.8911,
17.2630

■ 26.7993, 41.8911,
17.2630

■ 24.2285, 40.6549,
13.1735

■ 30.0031, 43.4311,
22.5141

■ 22.2455, 39.6974,
10.1551

■ 33.8751, 45.2875,
29.0029

■ 20.8042, 38.9982,
8.1081

■ 38.4513, 47.4788,
36.8022

■ 19.8499, 38.5317,
6.9134

■ 43.7644, 50.0202,
45.9784

■ 19.3490, 38.2850,
6.3699

■ 49.8451, 52.9262,
56.5935

■ 56.7222, 56.2105,
68.7056

■ 64.4231, 59.8860,
82.3696

■ 72.9738, 63.9650,
97.6376

■ 78.3608, 66.6215,
103.3369

Harmonies

Analogous

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



33.9507, 41.8911, 10.1444



26.7993, 41.8911, 17.2630



23.3977, 41.8911, 34.9356

Triad

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



26.7993, 41.8911, 17.2630



35.8891, 41.8911, 126.7745



61.7722, 41.8911, 30.1045

Complementary

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



26.7993, 41.8911, 17.2630



33.1587, 21.9242, 52.9384

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.



62.5351, 41.8911, 58.2688



26.7993, 41.8911, 17.2630



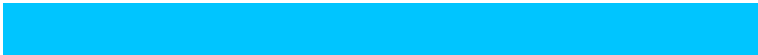
46.3211, 41.8911, 123.5919

Square

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



26.7993, 41.8911, 17.2630



28.0066, 41.8911, 102.3232



56.4845, 41.8911, 94.9082



54.5515, 41.8911, 15.0445

Rectangle

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



26.7993, 41.8911, 17.2630



23.2437, 41.8911, 54.1611



56.4845, 41.8911, 94.9082



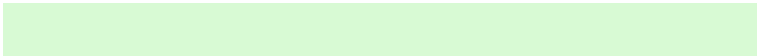
62.8330, 41.8911, 38.0140

Sweetspot

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



26.8003, 41.8929, 17.2639



74.4689, 87.7130, 75.5676



40.6300, 45.3786, 17.2078



15.5425, 18.6100, 15.4630



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8003, 41.8929, 17.2639



42.7249, 72.4889, 22.5573



27.8488, 42.1860, 28.4879



10.0367, 11.3064, 10.7152



12.9013, 25.4797, 4.2381



0.5899, 1.1177, 0.1846

Inverse Universe

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



33.1587, 21.9242, 52.9384



55.3430, 32.6086, 93.7375



31.9171, 21.7122, 33.5425



10.3938, 10.1942, 12.7047



17.9783, 8.5286, 34.2552



0.8063, 0.3837, 1.4814

Previews

White Background



This preview shows how the XYZ color 26.7993, 41.8911, 17.2630 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 26.7993, 41.8911, 17.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

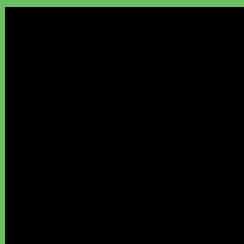
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7993, 41.8911, 17.2630

Background



This preview shows how black text looks on a background with the XYZ color 26.7993, 41.8911, 17.2630.



This preview shows how white text looks on a background with the XYZ color 26.7993, 41.8911,

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

26.7993, 41.8911, 17.2630

Protanopia

37.7080, 41.1403, 14.9703

Deuteranopia

41.9189, 41.0458, 18.0252



Tritanopia

35.0039, 41.7265, 58.4337

Trichromacy



Original Color

26.7993, 41.8911, 17.2630



Protanomaly

32.4648, 40.7516, 15.8276



Deuteranomaly

34.3292, 40.1997, 17.5053



Tritanomaly

31.1530, 41.4029, 39.1505

Monochromacy



Original Color

26.7993, 41.8911, 17.2630



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

28.5749, 35.3036, 27.4985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7993, 41.8911, 17.2630 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(104, 193, 94)` looks like.

```
.text, #text, p{  
    color:rgb(104, 193, 94)  
}
```

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(104, 193, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 193, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.7993, 41.8911, 17.2630 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(104, 193, 94) }
```


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

```
.border{ border-color:rgb(104, 193, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 193, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 193, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 193, 94);  
box-shadow:4px 4px 4px 4px rgb(104, 193,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7993, 41.8911, 17.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 193, 94) }
```

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

```
.background{ background-color: rgb(104,  
193, 94) }
```

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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