

Converting Colors

XYZ(26.2056, 41.7498, 19.6616)

Have a look what the booklet for
XYZ(26.2056, 41.7498, 19.6616)
contains.

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Color

**XYZ(26.3047, 41.9102,
19.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC268
RGB	93, 194, 104
RGB Percent	36%, 76%, 41%
CMY	0.6353, 0.2392, 0.5921
CMYK	0.52, 0.00, 0.46, 0.24
HSL	127°, 45%, 56%
HSV	127°, 52%, 76%
XYZ	26.3047, 41.9102, 19.7998
YIQ	153.5410, -31.3060, -49.4020

Conversions

Conversions Part 2

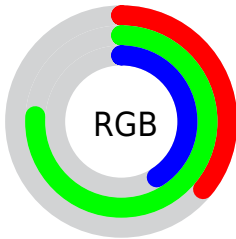
Format	Color
RYB	93, 184, 194
Decimal	6144616
CIELab	70.81, -48.34, 36.36
CIElCh	71, 60.488, 143.048
Yxy	41.9102, 0.2989, 0.4762
Android (android.graphics.Color)	4284334696 (0xFF5DC268)
YUV	153.5410, -24.4237, -53.0945
Hunter-Lab	64.7381, -40.7627, 27.1831

Details

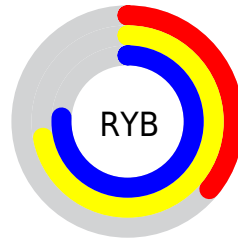
The XYZ color **26.3047, 41.9102, 19.7998** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **34.7110, 22.7177, 47.3565**, and the grayscale version is **30.6283, 32.2234, 35.0913**.

A 20% lighter version of the original color is **53.0756, 77.8787, 43.6872**, and **10.4052, 18.9928, 6.6076** is the 20% darker color. If you saturate the color by 10%, you get **23.7947, 40.7087, 15.5594**, and if you desaturate by 10%, it is **29.4949, 43.4439, 25.0135**.

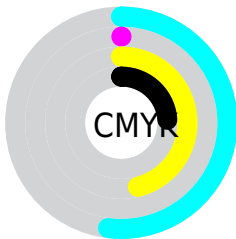
Distribution



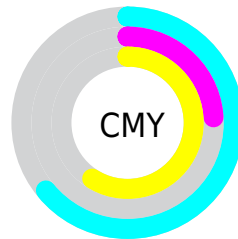
- Red (36%)
- Green (76%)
- Blue (41%)



- Red (36%)
- Yellow (72%)
- Blue (76%)



- Cyan (52%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (64%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3047, 41.9102, 19.7998 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 26.3047, 41.9102, 19.7998 by changing the saturation by 10% instead.

■ 26.3047, 41.9102,
19.7998

■ 26.3047, 41.9102,
19.7998

276.5040,
354.1105, 263.3975

■ 17.1856, 29.0310,
12.0670

■ 53.1939, 78.0637,
43.9358

■ 10.4630, 19.1043,
6.6662

■ 71.6947, 102.1068,
61.1761

■ 5.7716, 11.7456,
3.1790

■ 94.0535, 130.6399,
82.4226

■ 2.7461, 6.5707,
1.1867

■ 120.6355,
164.0475, 108.0939

■ 1.0209, 3.1951,
0.0000

151.8063,
202.7140, 138.6085

■ 0.0000, 1.2344,
0.0000

187.9310,

■ 0.0000, 0.0896,

247.0237, 174.3849

0.0000

229.3751,
297.3611, 215.8418

■ 0.0000, 0.0000,
0.0000

■ 26.3047, 41.9102,
19.7998

■ 26.3047, 41.9102,
19.7998

■ 23.7947, 40.7087,
15.5594

■ 29.4949, 43.4439,
25.0135

■ 21.9122, 39.8100,
12.2294

■ 33.4067, 45.3265,
31.2526

■ 20.6020, 39.1882,
9.7437

■ 38.0819, 47.5796,
38.5689

■ 19.7974, 38.8106,
8.0265

■ 43.5583, 50.2216,
47.0101

■ 19.4292, 38.6398,
7.1501

■ 49.8709, 53.2697,
56.6206

■ 57.0529, 56.7400,
67.4429

■ 65.1355, 60.6479,
79.5169

■ 74.1486, 65.0079,
92.8810

■ 78.5826, 67.0652,
103.4109

Harmonies

Analogous

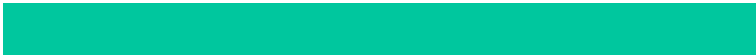
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.7396, 41.9102, 11.3085



26.3047, 41.9102, 19.7998



23.5706, 41.9102, 39.2590

Triad

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



26.3047, 41.9102, 19.7998



37.5417, 41.9102, 125.5314



60.3861, 41.9102, 27.2188

Complementary

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



26.3047, 41.9102, 19.7998



34.7110, 22.7177, 47.3565

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.



62.2526, 41.9102, 52.6622



26.3047, 41.9102, 19.7998



47.8865, 41.9102, 117.8226

Square

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



26.3047, 41.9102, 19.7998



29.3133, 41.9102, 105.6639



57.3529, 41.9102, 87.6267



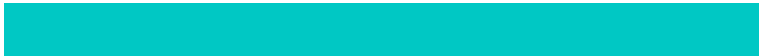
52.6126, 41.9102, 14.1615

Rectangle

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



26.3047, 41.9102, 19.7998



23.8229, 41.9102, 59.2988



57.3529, 41.9102, 87.6267



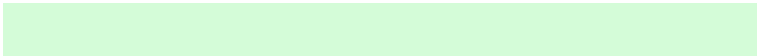
61.7734, 41.9102, 34.2469

Sweetspot

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



26.3057, 41.9119, 19.8007



74.5739, 88.8910, 78.5035



41.0125, 49.5540, 17.7595



15.8763, 19.2469, 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.



26.3057, 41.9119, 19.8007



42.7480, 73.5786, 27.5657



29.6066, 43.2323, 37.1829



9.9880, 11.2763, 10.9404



12.7889, 25.4096, 4.7815



0.5678, 1.1040, 0.2868

Inverse Universe

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



34.7110, 22.7177, 47.3565



59.5382, 35.1541, 82.5493



30.4250, 21.0033, 24.7867



10.4485, 10.2280, 12.4524



19.5969, 9.5285, 26.8532



0.8605, 0.4172, 1.2328

Previews

White Background



This preview shows how the XYZ color 26.3047, 41.9102, 19.7998 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 26.3047, 41.9102, 19.7998 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 26.3047, 41.9102, 19.7998

Background



This preview shows how black text looks on a background with the XYZ color 26.3047, 41.9102, 19.7998.



This preview shows how white text looks on a background with the XYZ color 26.3047, 41.9102,

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

26.3047, 41.9102, 19.7998

Protanopia

37.8501, 41.1684, 17.0177

Deuteranopia

41.8768, 40.9640, 20.7386



Tritanopia

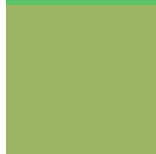
34.1968, 41.5890, 59.6512

Trichromacy



Original Color

26.3047, 41.9102, 19.7998



Protanomaly

31.8998, 40.4134, 17.9236



Deuteranomaly

33.7626, 39.8496, 20.0996



Tritanomaly

30.5346, 41.3468, 41.4933

Monochromacy



Original Color

26.3047, 41.9102, 19.7998



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.1476, 35.0590, 28.5761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3047, 41.9102, 19.7998 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(93, 194, 104)` looks like.

```
.text, #text, p{  
    color:rgb(93, 194, 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(93, 194, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 194, 104) }
```

Border

The CSS property to change the border of an element to XYZ 26.3047, 41.9102, 19.7998 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(93, 194, 104) }
```


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

```
.border{ border-color:rgb(93, 194, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 194, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 194, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 194, 104);  
box-shadow:4px 4px 4px 4px rgb(93, 194,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3047, 41.9102, 19.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 194, 104) }
```

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

```
.background{ background-color: rgb(93, 194,  
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](#).

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