

Converting Colors

XYZ(18.9996, 26.5511, 11.1273)

Have a look what the booklet for
XYZ(18.9996, 26.5511, 11.1273)
contains.

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Color

**XYZ(19.0375, 26.5695,
11.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	6D994D
RGB	109, 153, 77
RGB Percent	43%, 60%, 30%
CMY	0.5725, 0.4000, 0.6980
CMYK	0.29, 0.00, 0.50, 0.40
HSL	95°, 33%, 45%
HSV	95°, 50%, 60%
XYZ	19.0375, 26.5695, 11.1462
YIQ	131.1800, -1.8280, -32.9640

Conversions

Conversions Part 2

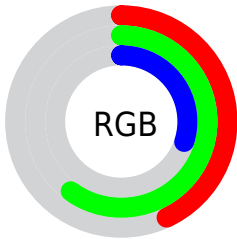
Format	Color
RYB	77, 153, 121
Decimal	7182669
CIELab	58.57, -28.89, 35.02
CIElCh	59, 45.397, 129.527
Yxy	26.5695, 0.3354, 0.4682
Android (android.graphics.Color)	4285372749 (0xFF6D994D)
YUV	131.1800, -26.7107, -19.4519
Hunter-Lab	51.5456, -24.2789, 23.2611

Details

The XYZ color **19.0375, 26.5695, 11.1462** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.2899, 11.6733, 31.5330**, and the grayscale version is **21.7314, 22.8631, 24.8979**.

A 20% lighter version of the original color is **41.3524, 54.3516, 28.7335**, and **6.7181, 10.4910, 2.8333** is the 20% darker color. If you saturate the color by 10%, you get **17.5244, 25.8455, 8.5797**, and if you desaturate by 10%, it is **20.7889, 27.4033, 14.3883**.

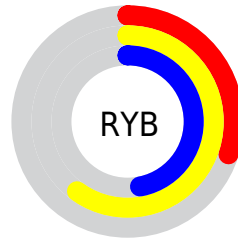
Distribution



Red (43%)

Green (60%)

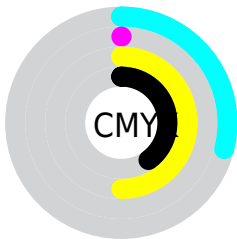
Blue (30%)



Red (30%)

Yellow (60%)

Blue (47%)

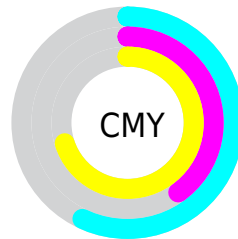


Cyan (29%)

Magenta (0%)

Yellow (50%)

Black (40%)



Cyan (57%)

Magenta (40%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0375, 26.5695, 11.1462 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 19.0375, 26.5695, 11.1462 by changing the saturation by 10% instead.

■ 19.0375, 26.5695,
11.1462

■ 19.0375, 26.5695,
11.1462

239.5898,
285.5666, 209.4412

■ 11.8015, 17.2502,
6.0498

■ 41.3138, 54.1923,
28.5710

■ 6.6799, 10.4130,
2.8061

■ 57.0849, 73.2645,
41.7365

■ 3.3073, 5.6737,
0.9965

■ 76.4318, 96.3565,
58.4288

■ 1.3183, 2.6477,
0.0000

■ 99.7197, 123.8526,
79.0664

■ 0.1968, 0.9507,
0.0000

■ 127.3142,
156.1373, 104.0679

■ 0.0000, 0.0000,
0.0000

159.5804,

193.5950, 133.8519

196.8839,
236.6099, 168.8368

■ 19.0375, 26.5695,
11.1462

■ 19.0375, 26.5695,
11.1462

■ 17.5244, 25.8455,
8.5797

■ 20.7889, 27.4033,
14.3883

■ 16.2353, 25.2226,
6.6392

■ 22.7878, 28.3482,
18.3474

■ 15.1572, 24.6960,
5.2712


■ 25.0455, 29.4100,
23.0637


■ 14.2746, 24.2591,
4.4126


■ 27.5716, 30.5929,
28.5738


■ 13.5552, 23.8985,
3.9128


■ 30.3755, 31.9010,
34.9121

 13.5335, 23.8876,
3.8975

 33.4659, 33.3380,
42.1107

 36.8512, 34.9077,
50.2003

 40.5394, 36.6134,
59.2099

 44.5382, 38.4586,
69.1672

Harmonies

Analogous

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



23.5237, 26.5695, 8.0106



19.0375, 26.5695, 11.1462



16.4973, 26.5695, 19.4806

Triad

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



19.0375, 26.5695, 11.1462



21.6928, 26.5695, 68.1806



37.3438, 26.5695, 24.1486

Complementary

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



19.0375, 26.5695, 11.1462



16.2899, 11.6733, 31.5330

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.



36.6623, 26.5695, 41.0261



19.0375, 26.5695, 11.1462



27.0661, 26.5695, 70.8953

Square

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



19.0375, 26.5695, 11.1462



17.8668, 26.5695, 53.1431



32.6937, 26.5695, 59.5874



34.4383, 26.5695, 13.4812

Rectangle

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



19.0375, 26.5695, 11.1462



15.9940, 26.5695, 28.6773



32.6937, 26.5695, 59.5874



37.5352, 26.5695, 29.1836

Sweetspot

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



19.0381, 26.5707, 11.1468



46.7712, 53.5675, 45.4426



21.2019, 20.7581, 9.9108



10.1385, 11.7396, 9.6246



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.0381, 26.5707, 11.1468



31.0083, 46.1040, 14.7691



15.9781, 24.9717, 11.9742



6.3663, 7.0463, 6.6304



11.2212, 19.7606, 3.2228



0.2079, 0.3161, 0.0501

Inverse Universe

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



16.2899, 11.6733, 31.5330



25.4652, 16.1491, 55.7469



21.1318, 14.2168, 29.6210



6.2097, 6.1940, 7.7972



8.1627, 3.6591, 25.1838



0.1634, 0.0761, 0.3784

Previews

White Background



This preview shows how the XYZ color 19.0375, 26.5695, 11.1462 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0375, 26.5695, 11.1462 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 × Fail

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

XYZ 19.0375, 26.5695, 11.1462

Background



This preview shows how black text looks on a background with the XYZ color 19.0375, 26.5695, 11.1462.



This preview shows how white text looks on a background with the XYZ color 19.0375, 26.5695,

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

19.0375, 26.5695, 11.1462

Protanopia

24.0983, 26.2058, 10.0914

Deuteranopia

26.8427, 26.3173, 11.6476



Tritanopia

23.8592, 26.4118, 35.2930

Trichromacy



Original Color

19.0375, 26.5695, 11.1462

Protanomaly

21.8427, 26.1485, 10.3745

Deuteranomaly

23.1856, 25.9248, 11.3714

Tritanomaly

21.6006, 26.1817, 23.9938

Monochromacy



Original Color

19.0375, 26.5695, 11.1462

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.2702, 23.8239, 18.5690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0375, 26.5695, 11.1462 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(109, 153, 77)` looks like.

```
.text, #text, p{  
    color:rgb(109, 153, 77)  
}
```

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(109, 153, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 153, 77) }
```

Border

The CSS property to change the border of an element to XYZ 19.0375, 26.5695, 11.1462 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(109, 153, 77) }
```


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

```
.border{ border-color:rgb(109, 153, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 153, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 153, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 153, 77);  
box-shadow:4px 4px 4px 4px rgb(109, 153,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0375, 26.5695, 11.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 153, 77) }
```

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

```
.background{ background-color: rgb(109,  
153, 77) }
```

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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