

Converting Colors

XYZ(19.6300, 26.3227, 8.3482)

Have a look what the booklet for
XYZ(19.6300, 26.3227, 8.3482)
contains.

XYZ(19.6071, 26.2039, 8.2994)	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(19.6071, 26.2039,
8.2994)**

Conversions

Conversions Part 1

Format	Color
Hex	79963C
RGB	121, 150, 60
RGB Percent	47%, 59%, 24%
CMY	0.5255, 0.4118, 0.7647
CMYK	0.19, 0.00, 0.60, 0.41
HSL	79°, 43%, 41%
HSV	79°, 60%, 59%
XYZ	19.6071, 26.2039, 8.2994
YIQ	131.0690, 11.6060, -34.1380

Conversions

Conversions Part 2

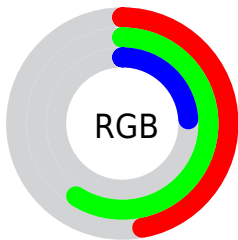
Format	Color
RYB	60, 150, 89
Decimal	7968316
CIELab	58.23, -24.52, 43.18
CIELCh	58, 49.661, 119.591
Yxy	26.2039, 0.3624, 0.4843
Android (android.graphics.Color)	4286158396 (0xFF79963C)
YUV	131.0690, -35.0370, -8.8305
Hunter-Lab	51.1897, -21.2116, 26.2201

Details

The XYZ color **19.6071, 26.2039, 8.2994** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.2418, 7.5583, 29.7221**, and the grayscale version is **21.7170, 22.8480, 24.8815**.

A 20% lighter version of the original color is **42.1413, 53.4474, 23.1342**, and **6.9380, 10.1977, 1.7175** is the 20% darker color. If you saturate the color by 10%, you get **18.6051, 25.7277, 6.4682**, and if you desaturate by 10%, it is **20.7567, 26.7449, 10.7254**.

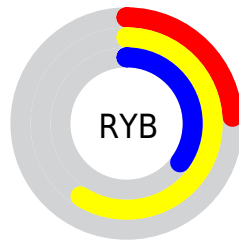
Distribution



Red (47%)

Green (59%)

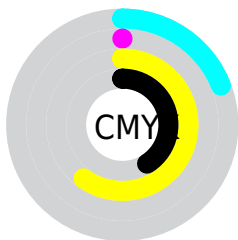
Blue (24%)



Red (24%)

Yellow (59%)

Blue (35%)

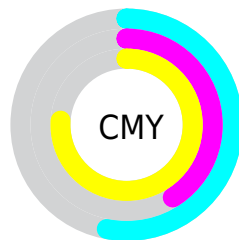


Cyan (19%)

Magenta (0%)

Yellow (60%)

Black (41%)



Cyan (53%)

Magenta (41%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6071, 26.2039, 8.2994 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 19.6071, 26.2039, 8.2994 by changing the saturation by 10% instead.

■ 19.6071, 26.2039,
8.2994

■ 19.6071, 26.2039,
8.2994

242.6544,
283.7816, 188.0833

■ 12.2164, 16.9762,
4.1966

■ 42.2665, 53.6037,
23.0991

■ 6.9645, 10.2176,
1.7338

■ 58.2658, 72.5446,
34.6331

■ 3.4860, 5.5434,
0.3838

■ 77.8654, 95.4921,
49.4813

■ 1.4157, 2.5695,
0.0000

■ 101.4306,
122.8305, 68.0621

■ 0.2674, 0.9114,
0.0000

■ 129.3267,
154.9443, 90.7942

■ 0.0000, 0.0000,
0.0000

■ 161.9192,

192.2178, 118.0961

199.5733,
235.0354, 150.3862

■ 19.6071, 26.2039,
8.2994

■ 19.6071, 26.2039,
8.2994

■ 18.6051, 25.7277,
6.4682

■ 20.7567, 26.7449,
10.7254

■ 17.7386, 25.3087,
5.1786

■ 22.0612, 27.3509,
13.7901

■ 16.9963, 24.9431,
4.3707

■ 23.5295, 28.0265,
17.5351

■ 16.3484, 24.6190,
3.8903

■ 25.1693, 28.7747,
21.9981

■ 16.3483, 24.6190,
3.8903

■ 26.9874, 29.5985,
27.2140

■ 28.9908, 30.5004,
33.2153

■ 31.1854, 31.4832,
40.0330

■ 33.5775, 32.5492,
47.6958

■ 36.1725, 33.7007,
56.2316

Harmonies

Analogous

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



24.9890, 26.2039, 6.5395



19.6071, 26.2039, 8.2994



16.1835, 26.2039, 14.8058

Triad

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



19.6071, 26.2039, 8.2994



19.4850, 26.2039, 67.8303



38.3957, 26.2039, 28.7695

Complementary

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



19.6071, 26.2039, 8.2994



11.2418, 7.5583, 29.7221

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.



36.3062, 26.2039, 48.8612



19.6071, 26.2039, 8.2994



24.8233, 26.2039, 76.2973

Square

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



19.6071, 26.2039, 8.2994



16.1214, 26.2039, 48.2754



31.0828, 26.2039, 68.2538



36.4128, 26.2039, 15.0728

Rectangle

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



19.6071, 26.2039, 8.2994



15.1525, 26.2039, 22.9416



31.0828, 26.2039, 68.2538



38.1420, 26.2039, 34.9630

Sweetspot

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



19.6077, 26.2051, 8.3000



44.9215, 51.0081, 40.2406



16.9252, 13.8729, 6.0610



9.7748, 11.2221, 8.4124



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.6077, 26.2051, 8.3000



32.2833, 45.1373, 10.5335



14.7432, 23.6973, 8.0723



6.0856, 6.6519, 6.2037



13.5926, 20.4351, 3.2280



0.1972, 0.2660, 0.0410

Inverse Universe

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



11.2418, 7.5583, 29.7221



16.2175, 9.2147, 51.8451



16.8739, 10.4617, 29.9857



5.6650, 5.7183, 7.2749



5.6207, 2.3701, 24.0923



0.0970, 0.0436, 0.2962

Previews

White Background



This preview shows how the XYZ color 19.6071, 26.2039, 8.2994 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 19.6071, 26.2039, 8.2994 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 19.6071, 26.2039, 8.2994

Background



This preview shows how black text looks on a background with the XYZ color 19.6071, 26.2039, 8.2994.



This preview shows how white text looks on a background with the XYZ color 19.6071, 26.2039,

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

19.6071, 26.2039, 8.2994

Protanopia

23.8269, 26.1195, 7.6566

Deuteranopia

26.5752, 26.0409, 8.6268



Tritanopia

24.7081, 26.2223, 33.4649

Trichromacy



Original Color

19.6071, 26.2039, 8.2994

Protanomaly

22.0647, 26.0916, 7.8762

Deuteranomaly

23.4562, 25.6941, 8.4258

Tritanomaly

22.2051, 25.8676, 21.2754

Monochromacy



Original Color

19.6071, 26.2039, 8.2994

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.3907, 23.7089, 16.8662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6071, 26.2039, 8.2994 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(121, 150, 60)` looks like.

```
.text, #text, p{  
    color:rgb(121, 150, 60)  
}
```

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(121, 150, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 150, 60) }
```

Border

The CSS property to change the border of an element to XYZ 19.6071, 26.2039, 8.2994 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(121, 150, 60) }
```


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

```
.border{ border-color:rgb(121, 150, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 150, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 150, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 150, 60);  
box-shadow:4px 4px 4px 4px rgb(121, 150,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6071, 26.2039, 8.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 150, 60) }
```

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

```
.background{ background-color: rgb(121,  
150, 60) }
```

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