

Converting Colors

XYZ(19.8709, 26.5291, 4.6479)

Have a look what the booklet for
XYZ(19.8709, 26.5291, 4.6479)
contains.

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Color

**XYZ(19.7679, 26.3684,
4.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9612
RGB	127, 150, 18
RGB Percent	50%, 59%, 7%
CMY	0.5020, 0.4117, 0.9294
CMYK	0.15, 0.00, 0.88, 0.41
HSL	70°, 79%, 33%
HSV	70°, 88%, 59%
XYZ	19.7679, 26.3684, 4.6200
YIQ	128.0750, 28.6640, -45.9280

Conversions

Conversions Part 2

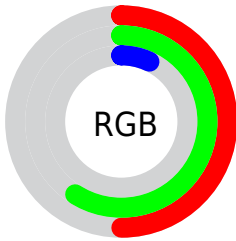
Format	Color
RYB	18, 150, 41
Decimal	8361490
CIELab	58.39, -24.39, 58.49
CIELCh	58, 63.372, 112.631
Yxy	26.3684, 0.3895, 0.5195
Android (android.graphics.Color)	4286551570 (0xFF7F9612)
YUV	128.0750, -54.2670, -0.9428
Hunter-Lab	51.3502, -21.1470, 30.6108

Details

The XYZ color **19.7679, 26.3684, 4.6200** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.6367, 3.1067, 29.1057**, and the grayscale version is **20.7202, 21.7993, 23.7395**.

A 20% lighter version of the original color is **42.4965, 53.8031, 15.3530**, and **7.2095, 10.3401, 1.6159** is the 20% darker color. If you saturate the color by 10%, you get **19.2914, 26.1343, 4.1140**, and if you desaturate by 10%, it is **20.3284, 26.6391, 5.5099**.

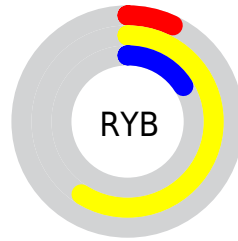
Distribution



Red (50%)

Green (59%)

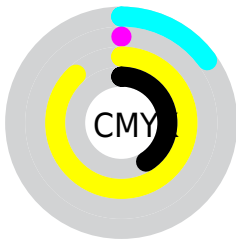
Blue (7%)



Red (7%)

Yellow (59%)

Blue (16%)

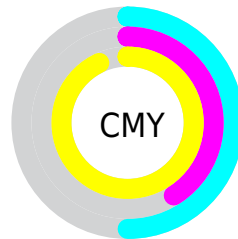


Cyan (15%)

Magenta (0%)

Yellow (88%)

Black (41%)



Cyan (50%)

Magenta (41%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7679, 26.3684, 4.6200 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 19.7679, 26.3684, 4.6200 by changing the saturation by 10% instead.

■ 19.7679, 26.3684,
4.6200

■ 19.7679, 26.3684,
4.6200

243.5134,
284.5859, 154.8858

■ 12.3337, 17.0994,
1.9713

■ 42.5346, 53.8687,
15.4162

■ 7.0452, 10.3054,
0.5375

■ 58.5979, 72.8688,
24.4007

■ 3.5370, 5.6019,
0.0000

■ 78.2682, 95.8814,
36.3342

■ 1.4437, 2.6046,
0.0000

■ 101.9110,
123.2909, 51.6352

■ 0.2870, 0.9290,
0.0000

■ 129.8915,
155.4817, 70.7224

■ 0.0000, 0.0000,
0.0000

■ 162.5752,

192.8382, 94.0142

200.3274,
235.7448, 121.9291

19.7679, 26.3684,
4.6200

19.7679, 26.3684,
4.6200

19.2914, 26.1343,
4.1140

20.3284, 26.6391,
5.5099

19.1990, 26.0886,
4.0237

20.9921, 26.9513,
6.8930

21.7707, 27.3107,
8.8281

22.6740, 27.7212,
11.3652

23.7104, 28.1860,
14.5491

■ 24.8876, 28.7084,
18.4199

■ 26.2127, 29.2912,
23.0147

■ 27.6924, 29.9371,
28.3680

■ 29.3328, 30.6485,
34.5118

Harmonies

Analogous

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



27.0172, 26.3684, 3.8074



19.7679, 26.3684, 4.6200



15.0099, 26.3684, 9.8515

Triad

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



19.7679, 26.3684, 4.6200



17.0814, 26.3684, 77.5571



42.8782, 26.3684, 34.5228

Complementary

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



19.7679, 26.3684, 4.6200



6.6367, 3.1067, 29.1057

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.



38.8253, 26.3684, 63.0644



19.7679, 26.3684, 4.6200



23.2042, 26.3684, 94.9828

Square

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



19.7679, 26.3684, 4.6200



13.6959, 26.3684, 48.3989



31.2267, 26.3684, 88.6344



41.4335, 26.3684, 15.2503

Rectangle

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



19.7679, 26.3684, 4.6200



13.3864, 26.3684, 17.7873



31.2267, 26.3684, 88.6344



42.0894, 26.3684, 43.3824

Sweetspot

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



19.7685, 26.3696, 4.6206



44.2485, 50.8068, 33.6251



13.4467, 8.0462, 1.4170



9.6546, 11.1926, 6.9399



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.



19.7685, 26.3696, 4.6206



33.7493, 45.9707, 7.0944



13.0032, 22.8820, 4.3039



6.1673, 6.6941, 6.2075



15.9461, 21.6484, 3.3381



0.2161, 0.2758, 0.0418

Inverse Universe

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



6.6367, 3.1067, 29.1057



10.3675, 4.2223, 51.1898



11.6663, 5.6995, 29.3410



5.5882, 5.6787, 7.2713



4.9424, 2.0205, 24.0605



0.0781, 0.0338, 0.2953

Previews

White Background



This preview shows how the XYZ color 19.7679, 26.3684, 4.6200 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 19.7679, 26.3684, 4.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

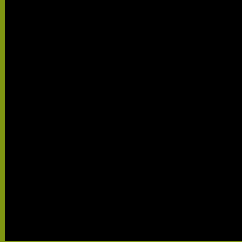
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.7679, 26.3684, 4.6200

Background



This preview shows how black text looks on a background with the XYZ color 19.7679, 26.3684, 4.6200.



This preview shows how white text looks on a background with the XYZ color 19.7679, 26.3684,

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

19.7679, 26.3684, 4.6200

Protanopia

23.5649, 26.0598, 4.2400

Deuteranopia

26.5393, 26.1041, 4.9361



Tritanopia

25.6115, 26.4795, 33.0393

Trichromacy



Original Color

19.7679, 26.3684, 4.6200

Protanomaly

22.0994, 26.1870, 4.3800

Deuteranomaly

23.5196, 25.8089, 4.7193

Tritanomaly

22.4131, 26.0767, 16.6840

Monochromacy



Original Color

19.7679, 26.3684, 4.6200

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.4677, 22.9021, 12.6270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7679, 26.3684, 4.6200 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(127, 150, 18)` looks like.

```
.text, #text, p{  
    color:rgb(127, 150, 18)  
}
```

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(127, 150, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 150, 18) }
```

Border

The CSS property to change the border of an element to XYZ 19.7679, 26.3684, 4.6200 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(127, 150, 18) }
```


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

```
.border{ border-color:rgb(127, 150, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 150, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 150, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 150, 18);  
box-shadow:4px 4px 4px 4px rgb(127, 150,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7679, 26.3684, 4.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 150, 18) }
```

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

```
.background{ background-color: rgb(127,  
150, 18) }
```

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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