

Converting Colors

XYZ(19.5142, 26.9700, 4.1772)

Have a look what the booklet for
XYZ(19.5142, 26.9700, 4.1772)
contains.

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Color

**XYZ(19.5596, 26.9934,
4.1794)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9900
RGB	123, 153, 0
RGB Percent	48%, 60%, 0%
CMY	0.5176, 0.4000, 0.9999
CMYK	0.20, 0.00, 1.00, 0.40
HSL	72°, 100%, 30%
HSV	72°, 100%, 60%
XYZ	19.5596, 26.9934, 4.1794
YIQ	126.5880, 31.2330, -53.9430

Conversions

Conversions Part 2

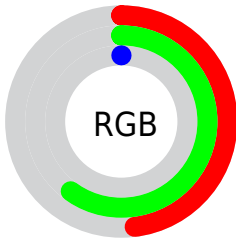
Format	Color
RYB	0, 153, 30
Decimal	8100096
CIELab	58.97, -27.94, 61.79
CIELCh	59, 67.815, 114.334
Yxy	26.9934, 0.3855, 0.5321
Android (android.graphics.Color)	4286290176 (0xFF7B9900)
YUV	126.5880, -62.4079, -3.1467
Hunter-Lab	51.9552, -23.7215, 31.5992

Details

The XYZ color **19.5596, 26.9934, 4.1794** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.2862, 2.5766, 30.3046**, and the grayscale version is **20.2322, 21.2858, 23.1803**.

A 20% lighter version of the original color is **42.0729, 54.6772, 14.4672**, and **7.2056, 10.7680, 1.6986** is the 20% darker color. If you saturate the color by 10%, you get **19.5597, 26.9944, 4.1795**, and if you desaturate by 10%, it is **20.0845, 27.2547, 4.6659**.

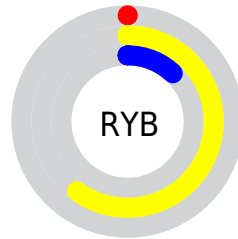
Distribution



Red (48%)

Green (60%)

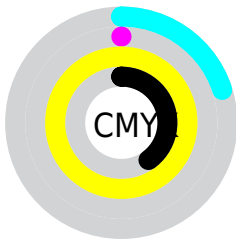
Blue (0%)



Red (0%)

Yellow (60%)

Blue (12%)

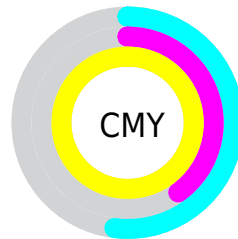


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5596, 26.9934, 4.1794 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 19.5596, 26.9934, 4.1794 by changing the saturation by 10% instead.

■ 19.5596, 26.9934,
4.1794

■ 19.5596, 26.9934,
4.1794

242.4002,
287.6252, 150.1990

■ 12.1817, 17.5683,
1.7243

■ 42.1872, 54.8733,
14.4214

■ 6.9406, 10.6405,
0.3773

■ 58.1676, 74.0968,
23.0454

■ 3.4710, 5.8256,
0.0000

■ 77.7462, 97.3553,
34.5628

■ 1.4075, 2.7393,
0.0000

■ 101.2884,
125.0330, 49.3921

■ 0.2615, 0.9972,
0.0000

■ 129.1596,
157.5145, 67.9518

■ 0.0000, 0.0000,
0.0000

■ 161.7250,

195.1841, 90.6605

199.3501,
238.4262, 117.9367

19.5596, 26.9934,
4.1794

19.5596, 26.9934,
4.1794

19.5597, 26.9944,
4.1795

20.0845, 27.2547,
4.6659

20.6875, 27.5478,
5.4968

21.3993, 27.8859,
6.8307

22.2320, 28.2740,
8.7311

23.1961, 28.7162,
11.2522

■ 24.3007, 29.2162,
14.4418

■ 25.5542, 29.7774,
18.3430

■ 26.9642, 30.4027,
22.9954

■ 28.5376, 31.0951,
28.4357

Harmonies

Analogous

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



27.2846, 26.9934, 3.2081



19.5596, 26.9934, 4.1794



14.6437, 26.9934, 9.8281

Triad

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



19.5596, 26.9934, 4.1794



17.3436, 26.9934, 85.2704



45.3209, 26.9934, 34.1996

Complementary

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



19.5596, 26.9934, 4.1794



6.2862, 2.5766, 30.3046

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.



41.1441, 26.9934, 65.4570



19.5596, 26.9934, 4.1794



24.0943, 26.9934, 103.6430

Square

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



19.5596, 26.9934, 4.1794



13.5734, 26.9934, 52.8706



32.9043, 26.9934, 94.9034



43.3681, 26.9934, 14.1534

Rectangle

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



19.5596, 26.9934, 4.1794



13.0346, 26.9934, 18.5853



32.9043, 26.9934, 94.9034



44.5636, 26.9934, 43.7368

Sweetspot

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



19.5602, 26.9946, 4.1800



45.6193, 53.2614, 32.3904



13.5544, 7.6062, 0.7542



9.8766, 11.6728, 6.5307



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.



19.5602, 26.9946, 4.1800



34.8760, 48.2633, 7.4776



12.6327, 23.4234, 3.8558



6.5902, 7.1617, 6.6408



16.1918, 22.3231, 3.4554



0.2690, 0.3476, 0.0529

Inverse Universe

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



6.2862, 2.5766, 30.3046



11.1342, 4.5504, 54.2634



11.5240, 5.2769, 30.5497



5.9920, 6.0818, 7.7871



5.2176, 2.1408, 25.0459



0.1023, 0.0446, 0.3756

Previews

White Background



This preview shows how the XYZ color 19.5596, 26.9934, 4.1794 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 19.5596, 26.9934, 4.1794 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 19.5596, 26.9934, 4.1794

Background



This preview shows how black text looks on a background with the XYZ color 19.5596, 26.9934, 4.1794.



This preview shows how white text looks on a background with the XYZ color 19.5596, 26.9934,

4.1794.

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

19.5596, 26.9934, 4.1794

Protanopia

24.1702, 26.8196, 3.9028

Deuteranopia

27.3133, 26.7130, 4.7535



Tritanopia

25.5761, 26.8801, 33.9774

Trichromacy



Original Color

19.5596, 26.9934, 4.1794

Protanomaly

22.3115, 26.7608, 3.9894

Deuteranomaly

23.9241, 26.4612, 4.3769

Tritanomaly

21.7966, 26.2461, 15.2265

Monochromacy



Original Color

19.5596, 26.9934, 4.1794

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.8935, 22.6380, 11.1584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5596, 26.9934, 4.1794 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(123, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 153, 0)  
}
```

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(123, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.5596, 26.9934, 4.1794 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(123, 153, 0) }
```


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

```
.border{ border-color:rgb(123, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5596, 26.9934, 4.1794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 0) }
```

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

```
.background{ background-color: rgb(123,  
153, 0) }
```

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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