

Converting Colors

XYZ(19.6681, 29.6346, 4.6834)

Have a look what the booklet for
XYZ(19.6681, 29.6346, 4.6834)
contains.

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Color

**XYZ(19.6527, 29.5739,
4.6725)**

Conversions

Conversions Part 1

Format	Color
Hex	6FA300
RGB	111, 163, 0
RGB Percent	44%, 64%, 0%
CMY	0.5647, 0.3608, 0.9999
CMYK	0.32, 0.00, 1.00, 0.36
HSL	79°, 100%, 32%
HSV	79°, 100%, 64%
XYZ	19.6527, 29.5739, 4.6725
YIQ	128.8700, 21.3310, -61.7170

Conversions

Conversions Part 2

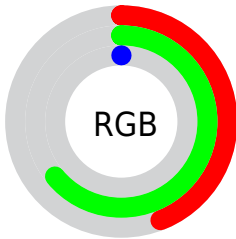
Format	Color
RYB	0, 163, 52
Decimal	7316224
CIELab	61.28, -37.46, 63.23
CIELCh	61, 73.493, 120.645
Yxy	29.5739, 0.3646, 0.5487
Android (android.graphics.Color)	4285506304 (0xFF6FA300)
YUV	128.8700, -63.5329, -15.6720
Hunter-Lab	54.3819, -30.6614, 32.9731

Details

The XYZ color **19.6527, 29.5739, 4.6725** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **8.0285, 3.3753, 34.8805**, and the grayscale version is **21.0321, 22.1274, 24.0968**.

A 20% lighter version of the original color is **42.2104, 58.8393, 15.4357**, and **7.2600, 12.1811, 1.9685** is the 20% darker color. If you saturate the color by 10%, you get **19.6528, 29.5749, 4.6727**, and if you desaturate by 10%, it is **20.4228, 29.9608, 5.2092**.

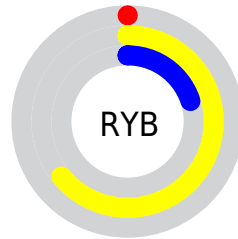
Distribution



Red (44%)

Green (64%)

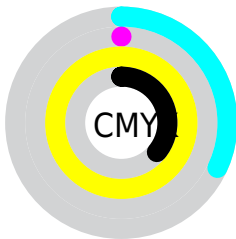
Blue (0%)



Red (0%)

Yellow (64%)

Blue (20%)

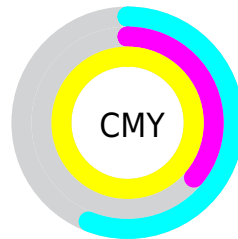


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (56%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.6527, 29.5739, 4.6725 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 19.6527, 29.5739, 4.6725 by changing the saturation by 10% instead.


 19.6527, 29.5739,
4.6725


 19.6527, 29.5739,
4.6725

242.8983,
299.9132, 155.4302


 12.2496, 19.5154,
2.0011


 42.3425, 58.9877,
15.5332


 6.9873, 12.0433,
0.5559


 58.3600, 79.1117,
24.5596

 3.5004, 6.7732,
0.0000


 77.9797, 103.3597,
36.5414

 1.4236, 3.3206,
0.0000

 101.5669,
132.1161, 51.8971

 0.2729, 1.3013,
0.0000

 129.4870,
165.7653, 71.0453


 0.0000, 0.1422,
0.0000


 162.1054,


 0.0000, 0.0000,


204.6916, 94.4045


0.0000


 199.7873,
249.2794, 122.3933


 19.6527, 29.5739,
4.6725


 19.6527, 29.5739,
4.6725


 19.6528, 29.5749,
4.6727

 20.4228, 29.9608,
5.2092

 21.3085, 30.3974,
6.1549

 22.3436, 30.8983,
7.6826

 23.5431, 31.4695,
9.8671

 24.9196, 32.1162,
12.7720

■ 26.4842, 32.8430,
16.4532

■ 28.2472, 33.6539,
20.9614

■ 30.2178, 34.5527,
26.3427

■ 32.4048, 35.5430,
32.6400

Harmonies

Analogous

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



27.9002, 29.5739, 2.9049



19.6527, 29.5739, 4.6725



14.8120, 29.5739, 12.5073

Triad

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



19.6527, 29.5739, 4.6725



19.9398, 29.5739, 104.5420



51.1176, 29.5739, 31.6049

Complementary

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



19.6527, 29.5739, 4.6725



8.0285, 3.3753, 34.8805

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.



47.6422, 29.5739, 66.0186



19.6527, 29.5739, 4.6725



28.3190, 29.5739, 120.2625

Square

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



19.6527, 29.5739, 4.6725



14.9491, 29.5739, 67.7094



38.6982, 29.5739, 103.2325



47.3452, 29.5739, 11.9624

Rectangle

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



19.6527, 29.5739, 4.6725



13.4585, 29.5739, 24.2934



38.6982, 29.5739, 103.2325



50.7516, 29.5739, 41.6615

Sweetspot

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



19.6534, 29.5752, 4.6731



50.3980, 60.1823, 37.0414



16.3165, 10.2098, 1.1111



11.0266, 13.3824, 7.5582



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.6534, 29.5752, 4.6731



34.9786, 52.8522, 8.3579



13.6303, 26.4702, 4.3913



7.4286, 8.1234, 7.5565



15.3217, 23.0091, 3.6337



0.3677, 0.5070, 0.0785

Inverse Universe

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



8.0285, 3.3753, 34.8805



14.1908, 5.9479, 62.4562



16.3035, 7.6413, 35.2677



6.9033, 6.9645, 8.8835



6.2816, 2.6448, 27.1092



0.1792, 0.0799, 0.5718

Previews

White Background



This preview shows how the XYZ color 19.6527, 29.5739, 4.6725 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 19.6527, 29.5739, 4.6725 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 19.6527, 29.5739, 4.6725

Background



This preview shows how black text looks on a background with the XYZ color 19.6527, 29.5739, 4.6725.



This preview shows how white text looks on a background with the XYZ color 19.6527, 29.5739,

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

19.6527, 29.5739, 4.6725

Protanopia

26.3158, 29.2868, 4.2659

Deuteranopia

29.8751, 29.2942, 5.3761



Tritanopia

26.6815, 29.6488, 39.4385

Trichromacy



Original Color

19.6527, 29.5739, 4.6725

Protanomaly

23.2453, 28.8935, 4.3518

Deuteranomaly

25.0142, 28.6012, 4.8640

Tritanomaly

22.2723, 28.8414, 17.4898

Monochromacy



Original Color

19.6527, 29.5739, 4.6725

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.0739, 23.7965, 11.5705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6527, 29.5739, 4.6725 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(111, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 163, 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(111, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 163, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.6527, 29.5739, 4.6725 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(111, 163, 0) }
```


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

```
.border{ border-color:rgb(111, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 163,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6527, 29.5739, 4.6725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 163, 0) }
```

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

```
.background{ background-color: rgb(111,  
163, 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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