

Converting Colors

XYZ(19.0115, 27.6588, 6.1713)

Have a look what the booklet for
XYZ(19.0115, 27.6588, 6.1713)
contains.

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Color

**XYZ(18.9624, 27.6334,
6.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9D26
RGB	111, 157, 38
RGB Percent	44%, 62%, 15%
CMY	0.5647, 0.3843, 0.8510
CMYK	0.29, 0.00, 0.76, 0.38
HSL	83°, 61%, 38%
HSV	83°, 76%, 62%
XYZ	18.9624, 27.6334, 6.1681
YIQ	129.6800, 10.7830, -46.7610

Conversions

Conversions Part 2

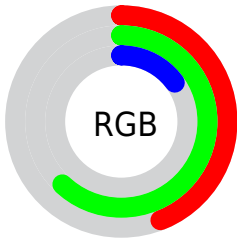
Format	Color
RYB	38, 157, 84
Decimal	7314726
CIELab	59.56, -33.51, 53.46
CIELCh	60, 63.093, 122.083
Yxy	27.6334, 0.3594, 0.5237
Android (android.graphics.Color)	4285504806 (0xFF6F9D26)
YUV	129.6800, -45.1982, -16.3824
Hunter-Lab	52.5675, -27.6037, 29.8403

Details

The XYZ color **18.9624, 27.6334, 6.1681** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10.4363, 5.7062, 32.4512**, and the grayscale version is **21.2577, 22.3647, 24.3552**.

A 20% lighter version of the original color is **41.2011, 55.9667, 18.7563**, and **6.7389, 10.9730, 1.7628** is the 20% darker color. If you saturate the color by 10%, you get **18.0229, 27.1733, 5.0696**, and if you desaturate by 10%, it is **20.0620, 28.1654, 7.8329**.

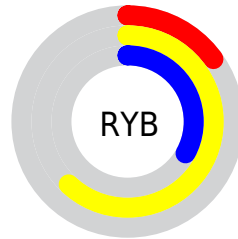
Distribution



Red (44%)

Green (62%)

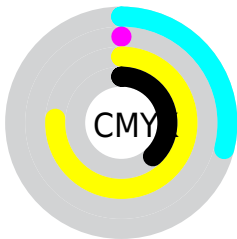
Blue (15%)



Red (15%)

Yellow (62%)

Blue (33%)

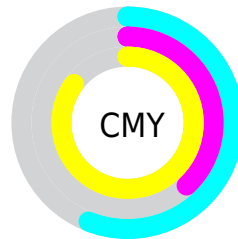


Cyan (29%)

Magenta (0%)

Yellow (76%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9624, 27.6334, 6.1681 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 18.9624, 27.6334, 6.1681 by changing the saturation by 10% instead.

■ 18.9624, 27.6334,
6.1681

■ 18.9624, 27.6334,
6.1681

239.1832,
290.7110, 169.9200

■ 11.7470, 18.0495,
2.8771

■ 41.1879, 55.8986,
18.7625

■ 6.6426, 10.9855,
1.0322

■ 56.9287, 75.3487,
28.9030

■ 3.2839, 6.0571,
0.0000

■ 76.2420, 98.8563,
42.1637

■ 1.3056, 2.8798,
0.0000

■ 99.4931, 126.8059,
58.9632

■ 0.1874, 1.0693,
0.0000

■ 127.0474,
159.5817, 79.7201

■ 0.0000, 0.0000,
0.0000

■ 159.2703,

197.5682, 104.8528

196.5271,
241.1499, 134.7799

■ 18.9624, 27.6334,
6.1681

■ 18.9624, 27.6334,
6.1681

■ 18.0229, 27.1733,
5.0696

■ 20.0620, 28.1654,
7.8329

■ 17.2241, 26.7744,
4.4498

■ 21.3327, 28.7711,
10.1255

■ 16.9139, 26.6187,
4.2465

■ 22.7865, 29.4562,
13.1011

■ 24.4336, 30.2249,
16.8084

■ 26.2833, 31.0812,
21.2919

■ 28.3442, 32.0285,
26.5924

■ 30.6245, 33.0701,
32.7476

■ 33.1318, 34.2093,
39.7933

■ 35.8731, 35.4489,
47.7630

Harmonies

Analogous

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



25.7137, 27.6334, 4.1335



18.9624, 27.6334, 6.1681



14.9535, 27.6334, 13.9105

Triad

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



18.9624, 27.6334, 6.1681



19.7465, 27.6334, 87.6094



44.6636, 27.6334, 28.5266

Complementary

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



18.9624, 27.6334, 6.1681



10.4363, 5.7062, 32.4512

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.



42.1941, 27.6334, 55.5482



18.9624, 27.6334, 6.1681



26.8236, 27.6334, 98.3343

Square

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



18.9624, 27.6334, 6.1681



15.3379, 27.6334, 59.7947



35.2357, 27.6334, 84.4085



41.4375, 27.6334, 12.3287

Rectangle

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



18.9624, 27.6334, 6.1681



13.8609, 27.6334, 24.4595



35.2357, 27.6334, 84.4085



44.4710, 27.6334, 36.5200

Sweetspot

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



18.9630, 27.6346, 6.1687



47.9015, 56.0445, 40.2271



17.3962, 13.5904, 3.5405



10.2790, 12.2117, 8.1954



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.9630, 27.6346, 6.1687



31.2573, 48.1550, 8.2352



13.8179, 24.9822, 5.9279



6.9216, 7.5922, 7.0863



13.7787, 21.6399, 3.4507



0.2926, 0.4107, 0.0639

Inverse Universe

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



10.4363, 5.7062, 32.4512



15.3500, 6.9840, 57.6658



18.1279, 9.6714, 32.8112



6.5151, 6.5540, 8.3284



6.5296, 2.7951, 26.1026



0.1624, 0.0735, 0.4689

Previews

White Background



This preview shows how the XYZ color 18.9624, 27.6334, 6.1681 looks on a white background.

Color Contrast Check

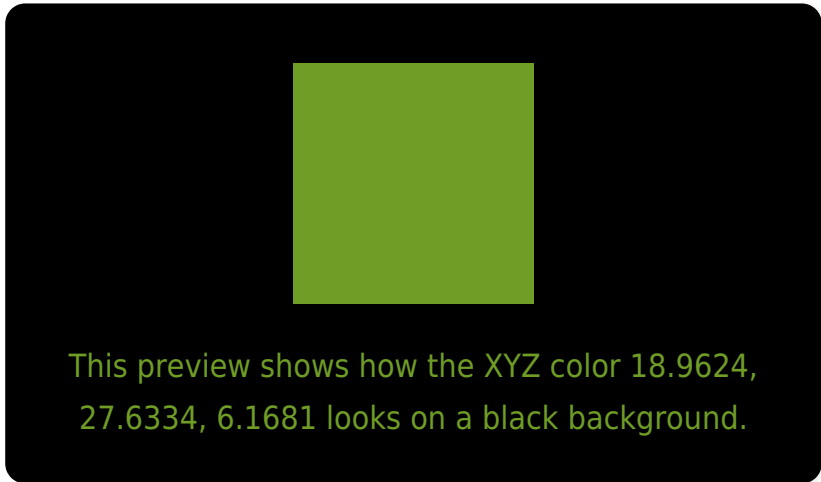
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 18.9624, 27.6334, 6.1681

Background



This preview shows how black text looks on a background with the XYZ color 18.9624, 27.6334, 6.1681.



This preview shows how white text looks on a background with the XYZ color 18.9624, 27.6334,

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

18.9624, 27.6334, 6.1681

Protanopia

24.8091, 27.3375, 5.4825

Deuteranopia

27.9077, 27.3973, 6.5066



Tritanopia

24.9079, 27.3864, 36.3211

Trichromacy



Original Color

18.9624, 27.6334, 6.1681

Protanomaly

22.2210, 27.1408, 5.6576

Deuteranomaly

23.7543, 26.9984, 6.3421

Tritanomaly

21.6893, 27.0207, 19.9919

Monochromacy



Original Color

18.9624, 27.6334, 6.1681

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.7041, 23.8302, 14.8704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9624, 27.6334, 6.1681 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, 157, 38)` looks like.

```
.text, #text, p{  
    color:rgb(111, 157, 38)  
}
```

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, 157, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 157, 38) }
```

Border

The CSS property to change the border of an element to XYZ 18.9624, 27.6334, 6.1681 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, 157, 38) }
```


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

```
.border{ border-color:rgb(111, 157, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 157, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 157, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 157, 38);  
box-shadow:4px 4px 4px 4px rgb(111, 157,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9624, 27.6334, 6.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 157, 38) }
```

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

```
.background{ background-color: rgb(111,  
157, 38) }
```

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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