

Converting Colors

XYZ(18.9297, 26.1758, 4.5932)

Have a look what the booklet for
XYZ(18.9297, 26.1758, 4.5932)
contains.

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Color

**XYZ(18.9135, 26.1668,
4.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	789711
RGB	120, 151, 17
RGB Percent	47%, 59%, 7%
CMY	0.5294, 0.4078, 0.9333
CMYK	0.21, 0.00, 0.89, 0.41
HSL	74°, 80%, 33%
HSV	74°, 89%, 59%
XYZ	18.9135, 26.1668, 4.5842
YIQ	126.4550, 24.5380, -48.2460

Conversions

Conversions Part 2

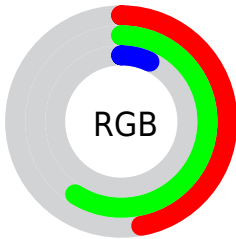
Format	Color
RYB	17, 151, 48
Decimal	7902993
CIELab	58.20, -27.90, 58.35
CIELCh	58, 64.672, 115.554
Yxy	26.1668, 0.3808, 0.5269
Android (android.graphics.Color)	4286093073 (0xFF789711)
YUV	126.4550, -53.9613, -5.6610
Hunter-Lab	51.1535, -23.5200, 30.4941

Details

The XYZ color **18.9135, 26.1668, 4.5842** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.0064, 3.2644, 29.5406**, and the grayscale version is **20.1599, 21.2097, 23.0974**.

A 20% lighter version of the original color is **41.1110, 53.4428, 15.3564**, and **6.8039, 10.2726, 1.6242** is the 20% darker color. If you saturate the color by 10%, you get **18.3475, 25.8864, 4.0844**, and if you desaturate by 10%, it is **19.5686, 26.4868, 5.4554**.

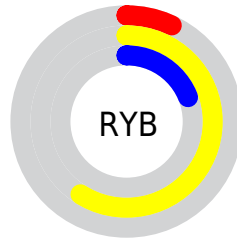
Distribution



Red (47%)

Green (59%)

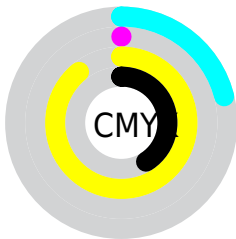
Blue (7%)



Red (7%)

Yellow (59%)

Blue (19%)

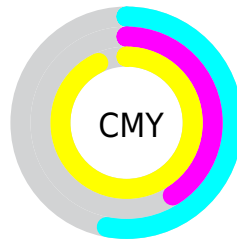


Cyan (21%)

Magenta (0%)

Yellow (89%)

Black (41%)



Cyan (53%)

Magenta (41%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9135, 26.1668, 4.5842 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 18.9135, 26.1668, 4.5842 by changing the saturation by 10% instead.

■ 18.9135, 26.1668,
4.5842

■ 18.9135, 26.1668,
4.5842

238.9181,
283.5999, 154.5129

■ 11.7114, 16.9485,
1.9510

■ 41.1059, 53.5439,
15.3361

■ 6.6183, 10.1978,
0.5249

■ 56.8269, 72.4715,
24.2920

■ 3.2687, 5.5303,
0.0000

■ 76.1183, 95.4043,
36.1924

■ 1.2974, 2.5616,
0.0000

■ 99.3454, 122.7266,
51.4560

■ 0.1813, 0.9074,
0.0000

■ 126.8736,
154.8230, 70.5013

■ 0.0000, 0.0000,
0.0000

■ 159.0682,

192.0777, 93.7469

196.2946,
234.8752, 121.6112

18.9135, 26.1668,
4.5842

18.9135, 26.1668,
4.5842

18.3475, 25.8864,
4.0844

19.5686, 26.4868,
5.4554

18.2781, 25.8518,
4.0265

20.3351, 26.8525,
6.8229

21.2252, 27.2697,
8.7471

22.2489, 27.7424,
11.2797

23.4151, 28.2743,
14.4662

■ 24.7317, 28.8684,
18.3480

■ 26.2061, 29.5279,
22.9628

■ 27.8451, 30.2554,
28.3460

■ 29.6552, 31.0535,
34.5303

Harmonies

Analogous

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



26.0588, 26.1668, 3.4759



18.9135, 26.1668, 4.5842



14.3877, 26.1668, 10.3725

Triad

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



18.9135, 26.1668, 4.5842



17.2754, 26.1668, 81.0473



43.1503, 26.1668, 31.9740

Complementary

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



18.9135, 26.1668, 4.5842



7.0064, 3.2644, 29.5406

Split Complementary

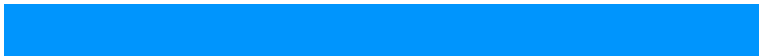
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.5038, 26.1668, 60.5885



18.9135, 26.1668, 4.5842



23.7194, 26.1668, 96.9357

Square

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



18.9135, 26.1668, 4.5842



13.5909, 26.1668, 51.4914



31.9635, 26.1668, 87.9601



41.1175, 26.1668, 13.6208

Rectangle

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



18.9135, 26.1668, 4.5842



12.9341, 26.1668, 19.0137



31.9635, 26.1668, 87.9601



42.5300, 26.1668, 40.6878

Sweetspot

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



18.9141, 26.1680, 4.5848



44.5894, 51.8319, 33.7745



13.8431, 8.5774, 1.4567



9.9589, 11.7017, 7.1430



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.



18.9141, 26.1680, 4.5848



32.5661, 46.2093, 7.2029



12.7426, 22.9865, 4.2959



6.5691, 7.1508, 6.6399



15.5744, 22.0048, 3.4265



0.2634, 0.3447, 0.0527

Inverse Universe

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



7.0064, 3.2644, 29.5406



11.1050, 4.5692, 52.7303



12.6019, 6.1490, 29.8025



6.0116, 6.0919, 7.7880



5.3619, 2.2152, 25.0527



0.1080, 0.0475, 0.3758

Previews

White Background



This preview shows how the XYZ color 18.9135, 26.1668, 4.5842 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 18.9135, 26.1668, 4.5842 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 18.9135, 26.1668, 4.5842

Background



This preview shows how black text looks on a background with the XYZ color 18.9135, 26.1668, 4.5842.



This preview shows how white text looks on a background with the XYZ color 18.9135, 26.1668,

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

18.9135, 26.1668, 4.5842

Protanopia

23.3554, 25.9533, 4.1593

Deuteranopia

26.4031, 25.8316, 4.8907



Tritanopia

24.7184, 26.0097, 33.4233

Trichromacy



Original Color

18.9135, 26.1668, 4.5842

Protanomaly

21.5541, 25.9075, 4.2801

Deuteranomaly

23.1294, 25.6077, 4.7010

Tritanomaly

21.3235, 25.5150, 16.6330

Monochromacy



Original Color

18.9135, 26.1668, 4.5842

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.6559, 22.2849, 12.1222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9135, 26.1668, 4.5842 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(120, 151, 17)` looks like.

```
.text, #text, p{  
    color:rgb(120, 151, 17)  
}
```

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(120, 151, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 151, 17) }
```

Border

The CSS property to change the border of an element to XYZ 18.9135, 26.1668, 4.5842 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(120, 151, 17) }
```


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

```
.border{ border-color:rgb(120, 151, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 151, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 151, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 151, 17);  
box-shadow:4px 4px 4px 4px rgb(120, 151,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9135, 26.1668, 4.5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 151, 17) }
```

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

```
.background{ background-color: rgb(120,  
151, 17) }
```

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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