

Converting Colors

XYZ(18.1087, 26.9349, 7.0353)

Have a look what the booklet for
XYZ(18.1087, 26.9349, 7.0353)
contains.

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Color

**XYZ(18.1309, 26.9334,
7.0394)**

Conversions

Conversions Part 1

Format	Color
Hex	689C30
RGB	104, 156, 48
RGB Percent	41%, 61%, 19%
CMY	0.5922, 0.3882, 0.8117
CMYK	0.33, 0.00, 0.69, 0.39
HSL	89°, 53%, 40%
HSV	89°, 69%, 61%
XYZ	18.1309, 26.9334, 7.0394
YIQ	128.1400, 3.6760, -44.6120

Conversions

Conversions Part 2

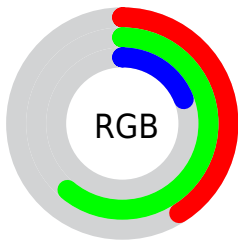
Format	Color
R_{YB}	48, 156, 100
Decimal	6855728
CIE _{Lab}	58.91, -35.07, 48.89
CIE _{LCh}	59, 60.169, 125.656
Yxy	26.9334, 0.3480, 0.5169
Android (android.graphics.Color)	4285045808 (0xFF689C30)
YUV	128.1400, -39.5090, -21.1708
Hunter-Lab	51.8974, -28.4596, 28.2860

Details

The XYZ color **18.1309, 26.9334, 7.0394** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.3145, 7.2244, 32.1994**, and the grayscale version is **20.6991, 21.7771, 23.7153**.

A 20% lighter version of the original color is **39.8926, 54.8796, 20.5468**, and **6.2657, 10.5787, 1.7117** is the 20% darker color. If you saturate the color by 10%, you get **17.0307, 26.3979, 5.5931**, and if you desaturate by 10%, it is **19.4234, 27.5566, 9.0869**.

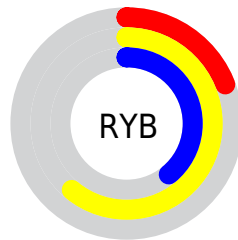
Distribution



Red (41%)

Green (61%)

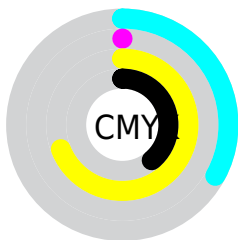
Blue (19%)



Red (19%)

Yellow (61%)

Blue (39%)

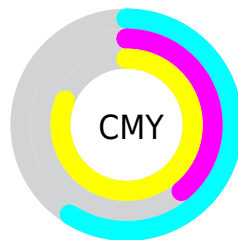


Cyan (33%)

Magenta (0%)

Yellow (69%)

Black (39%)



Cyan (59%)

Magenta (39%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1309, 26.9334, 7.0394 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 18.1309, 26.9334, 7.0394 by changing the saturation by 10% instead.

■ 18.1309, 26.9334,
7.0394

■ 18.1309, 26.9334,
7.0394

234.6392,
287.3345, 177.6340

■ 11.1443, 17.5232,
3.4079

■ 39.7886, 54.7770,
20.5666

■ 6.2320, 10.6082,
1.3065

■ 55.1903, 73.9792,
31.2995

■ 3.0286, 5.8041,
0.0671

■ 74.1279, 97.2141,
45.2366

■ 1.1689, 2.7263,
0.0000

■ 96.9665, 124.8663,
62.7964

■ 0.0816, 0.9906,
0.0000

■ 124.0716,
157.3200, 84.3975

■ 0.0000, 0.0000,
0.0000

■ 155.8085,

194.9597, 110.4585

192.5426,
238.1697, 141.3978

■ 18.1309, 26.9334,
7.0394

■ 18.1309, 26.9334,
7.0394

■ 17.0307, 26.3979,
5.5931

■ 19.4234, 27.5566,
9.0869

■ 16.1062, 25.9406,
4.6804

■ 20.9188, 28.2692,
11.7902

■ 15.3289, 25.5507,
4.1584

■ 22.6291, 29.0772,
15.1998

■ 15.2726, 25.5224,
4.1214

■ 24.5647, 29.9849,
19.3608

■ 26.7351, 30.9964,
24.3144

■ 29.1493, 32.1155,
30.0989

■ 31.8158, 33.3457,
36.7502

■ 34.7425, 34.6903,
44.3019

■ 37.9371, 36.1527,
52.7860

Harmonies

Analogous

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



24.2149, 26.9334, 4.5265



18.1309, 26.9334, 7.0394



14.6495, 26.9334, 15.4679

Triad

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



18.1309, 26.9334, 7.0394



20.1418, 26.9334, 84.7562



42.6442, 26.9334, 25.4696

Complementary

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



18.1309, 26.9334, 7.0394



12.3145, 7.2244, 32.1994

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.



40.9762, 26.9334, 49.6725



18.1309, 26.9334, 7.0394



27.0357, 26.9334, 91.9393

Square

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



18.1309, 26.9334, 7.0394



15.6433, 26.9334, 60.2906



34.8800, 26.9334, 76.8226



39.0766, 26.9334, 11.3358

Rectangle

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



18.1309, 26.9334, 7.0394



13.8171, 26.9334, 26.3295



34.8800, 26.9334, 76.8226



42.6843, 26.9334, 32.5414

Sweetspot

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



18.1315, 26.9346, 7.0400



47.6570, 55.8775, 42.0659



18.6501, 16.0928, 4.9200



10.2627, 12.1912, 8.7412



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.



18.1315, 26.9346, 7.0400



29.9842, 47.4771, 9.1490



13.8185, 24.7111, 6.8381



6.8623, 7.5617, 7.0835



12.6195, 21.0423, 3.3965



0.2744, 0.4014, 0.0630

Inverse Universe

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



12.3145, 7.2244, 32.1994



18.7212, 9.2704, 57.9294



20.0827, 11.2290, 32.5630



6.5734, 6.5841, 8.3311



7.3801, 3.2336, 26.1424



0.1806, 0.0829, 0.4697

Previews

White Background



This preview shows how the XYZ color 18.1309, 26.9334, 7.0394 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 18.1309, 26.9334, 7.0394 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 18.1309, 26.9334, 7.0394

Background



This preview shows how black text looks on a background with the XYZ color 18.1309, 26.9334, 7.0394.



This preview shows how white text looks on a background with the XYZ color 18.1309, 26.9334,

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

18.1309, 26.9334, 7.0394

Protanopia

24.0801, 26.5007, 6.2289

Deuteranopia

27.1434, 26.5658, 7.4385



Tritanopia

23.9724, 26.9140, 35.8297

Trichromacy



Original Color

18.1309, 26.9334, 7.0394

Protanomaly

21.2338, 26.1505, 6.4110

Deuteranomaly

22.8933, 26.0871, 7.1969

Tritanomaly

21.0567, 26.6745, 20.8685

Monochromacy



Original Color

18.1309, 26.9334, 7.0394

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

18.9484, 22.9997, 15.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1309, 26.9334, 7.0394 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(104, 156, 48)` looks like.

```
.text, #text, p{  
    color:rgb(104, 156, 48)  
}
```

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(104, 156, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 156, 48) }
```

Border

The CSS property to change the border of an element to XYZ 18.1309, 26.9334, 7.0394 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(104, 156, 48) }
```


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

```
.border{ border-color:rgb(104, 156, 48) }
```

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

Here you see how a box with a 4 pixel rgb(104, 156, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 156, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 156, 48);  
box-shadow:4px 4px 4px 4px rgb(104, 156,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1309, 26.9334, 7.0394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 156, 48) }
```

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

```
.background{ background-color: rgb(104,  
156, 48) }
```

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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