

Converting Colors

XYZ(26.8826, 36.3194, 5.9740)

Have a look what the booklet for
XYZ(26.8826, 36.3194, 5.9740)
contains.

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Color

**XYZ(26.8858, 36.3209,
5.9744)**

Conversions

Conversions Part 1

Format	Color
Hex	91AE0D
RGB	145, 174, 13
RGB Percent	57%, 68%, 5%
CMY	0.4314, 0.3176, 0.9490
CMYK	0.17, 0.00, 0.93, 0.32
HSL	71°, 86%, 37%
HSV	71°, 93%, 68%
XYZ	26.8858, 36.3209, 5.9744
YIQ	146.9750, 34.3970, -56.2190

Conversions

Conversions Part 2

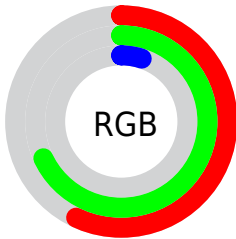
Format	Color
RYB	13, 174, 42
Decimal	9547277
CIELab	66.76, -28.52, 66.70
CIELCh	67, 72.541, 113.154
Yxy	36.3209, 0.3886, 0.5250
Android (android.graphics.Color)	4287737357 (0xFF91AE0D)
YUV	146.9750, -66.0497, -1.7321
Hunter-Lab	60.2668, -25.8358, 36.3092

Details

The XYZ color **26.8858, 36.3209, 5.9744** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8.7402, 3.8370, 40.3265**, and the grayscale version is **27.9790, 29.4361, 32.0559**.

A 20% lighter version of the original color is **54.1391, 69.7443, 18.3931**, and **11.0794, 16.0429, 2.5126** is the 20% darker color. If you saturate the color by 10%, you get **26.4049, 36.0826, 5.5730**, and if you desaturate by 10%, it is **27.6137, 36.6781, 6.8805**.

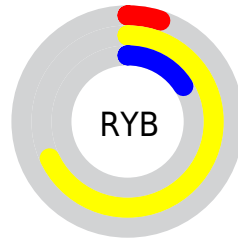
Distribution



Red (57%)

Green (68%)

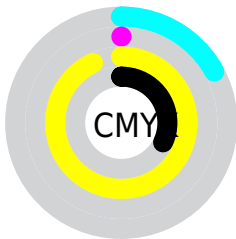
Blue (5%)



Red (5%)

Yellow (68%)

Blue (16%)

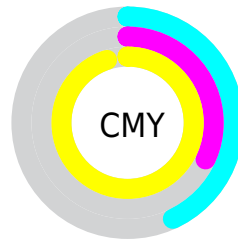


Cyan (17%)

Magenta (0%)

Yellow (93%)

Black (32%)



Cyan (43%)


Magenta (32%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8858, 36.3209, 5.9744 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 26.8858, 36.3209, 5.9744 by changing the saturation by 10% instead.


 26.8858, 36.3209,
5.9744


 26.8858, 36.3209,
5.9744


279.2814,
330.3610, 168.1406


 17.6236, 24.6821,
2.7610


 54.1217, 69.5271,
18.3545


 10.7782, 15.8404,
0.9739


 72.8262, 91.8633,
28.3582

 5.9840, 9.4113,
0.0000


 95.4088, 118.5341,
41.4625

 2.8760, 5.0104,
0.0000

 122.2349,
149.9239, 58.0858

 1.0885, 2.2534,
0.0000

 153.6699,
186.4171, 78.6468

 0.0155, 0.7489,
0.0000

 190.0790,

 0.0000, 0.0000,

228.3981, 103.5639

0.0000

231.8278,
276.2512, 133.2556

■ 26.8858, 36.3209,
5.9744

■ 26.8858, 36.3209,
5.9744

■ 26.4049, 36.0826,
5.5730

■ 27.6137, 36.6781,
6.8805

■ 28.4792, 37.0907,
8.4347

■ 29.5009, 37.5677,
10.7304

■ 30.6936, 38.1148,
13.8455

■ 32.0704, 38.7374,
17.8478

■ 33.6429, 39.4402,
22.7982

■ 35.4218, 40.2273,
28.7523

■ 37.4170, 41.1028,
35.7613

■ 39.6375, 42.0703,
43.8728

Harmonies

Analogous

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



37.0937, 36.3209, 4.8044



26.8858, 36.3209, 5.9744



20.2628, 36.3209, 13.2849

Triad

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



26.8858, 36.3209, 5.9744



23.3706, 36.3209, 110.1095



59.9366, 36.3209, 47.1813

Complementary

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



26.8858, 36.3209, 5.9744



8.7402, 3.8370, 40.3265

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.



54.2657, 36.3209, 87.8607



26.8858, 36.3209, 5.9744



32.0719, 36.3209, 134.7394

Square

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



26.8858, 36.3209, 5.9744



18.5534, 36.3209, 68.3183



43.4822, 36.3209, 124.9602



57.7308, 36.3209, 20.2569

Rectangle

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



26.8858, 36.3209, 5.9744



18.0345, 36.3209, 24.5171



43.4822, 36.3209, 124.9602



58.8546, 36.3209, 59.7276

Sweetspot

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



26.8866, 36.3225, 5.9752



62.2743, 72.0928, 45.4735



18.2829, 10.5355, 1.4512



13.5480, 15.8933, 9.1429



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.8866, 36.3225, 5.9752



47.7201, 65.3577, 10.1002



17.5023, 31.4848, 5.5360



8.5190, 9.2562, 8.5510



19.1960, 26.1930, 4.0440



0.5704, 0.7474, 0.1142

Inverse Universe

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



8.7402, 3.8370, 40.3265



14.7682, 6.0124, 73.0190



15.5776, 7.3619, 40.6465



7.7085, 7.8240, 10.0566



5.9961, 2.4510, 29.2016



0.2059, 0.0883, 0.8142

Previews

White Background



This preview shows how the XYZ color 26.8858, 36.3209, 5.9744 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.8858, 36.3209, 5.9744 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8858, 36.3209, 5.9744

Background



This preview shows how black text looks on a background with the XYZ color 26.8858, 36.3209, 5.9744.



This preview shows how white text looks on a background with the XYZ color 26.8858, 36.3209,

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

26.8858, 36.3209, 5.9744

Protanopia

32.4707, 35.9167, 5.3361

Deuteranopia

36.7320, 36.0584, 6.4628



Tritanopia

34.9563, 36.3067, 45.7229

Trichromacy



Original Color

26.8858, 36.3209, 5.9744

Protanomaly

30.0368, 35.7228, 5.5131

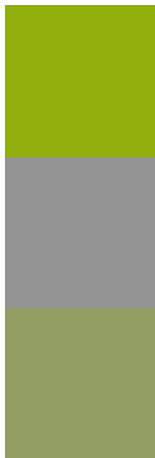
Deuteranomaly

32.4598, 35.6316, 6.1441

Tritanomaly

30.1150, 35.4034, 21.7693

Monochromacy



Original Color

26.8858, 36.3209, 5.9744

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.1156, 31.1068, 16.1830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8858, 36.3209, 5.9744 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(145, 174, 13)` looks like.

```
.text, #text, p{  
    color:rgb(145, 174, 13)  
}
```

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(145, 174, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 174, 13) }
```

Border

The CSS property to change the border of an element to XYZ 26.8858, 36.3209, 5.9744 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(145, 174, 13) }
```


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

```
.border{ border-color:rgb(145, 174, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 174, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 174, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 174, 13);  
box-shadow:4px 4px 4px 4px rgb(145, 174,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8858, 36.3209, 5.9744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 174, 13) }
```

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

```
.background{ background-color: rgb(145,  
174, 13) }
```

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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