

Converting Colors

XYZ(27.4219, 35.3238, 5.8842)

Have a look what the booklet for
XYZ(27.4219, 35.3238, 5.8842)
contains.

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Color

**XYZ(27.4260, 35.1887,
5.8769)**

Conversions

Conversions Part 1

Format	Color
Hex	99A911
RGB	153, 169, 17
RGB Percent	60%, 66%, 7%
CMY	0.4000, 0.3372, 0.9333
CMYK	0.09, 0.00, 0.90, 0.34
HSL	66°, 82%, 36%
HSV	66°, 90%, 66%
XYZ	27.4260, 35.1887, 5.8769
YIQ	146.8880, 39.2560, -50.6640

Conversions

Conversions Part 2

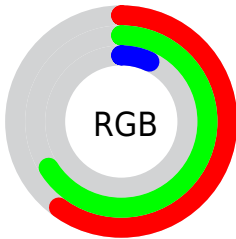
Format	Color
RYB	17, 169, 33
Decimal	10070289
CIELab	65.90, -22.59, 65.62
CIELCh	66, 69.396, 109.000
Yxy	35.1887, 0.4004, 0.5138
Android (android.graphics.Color)	4288260369 (0xFF99A911)
YUV	146.8880, -64.0348, 5.3602
Hunter-Lab	59.3201, -21.2825, 35.6501

Details

The XYZ color **27.4260, 35.1887, 5.8769** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.9902, 3.5896, 37.8100**, and the grayscale version is **27.9331, 29.3878, 32.0033**.

A 20% lighter version of the original color is **55.0426, 67.7694, 18.1624**, and **11.2911, 15.2640, 2.3511** is the 20% darker color. If you saturate the color by 10%, you get **26.9927, 34.9782, 5.3320**, and if you desaturate by 10%, it is **27.9514, 35.4393, 6.8740**.

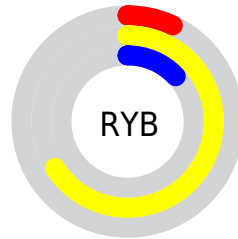
Distribution



Red (60%)

Green (66%)

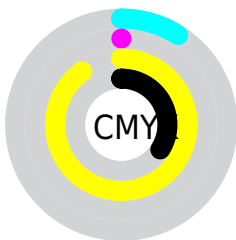
Blue (7%)



Red (7%)

Yellow (66%)

Blue (13%)

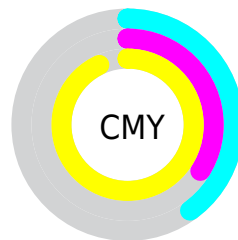


Cyan (9%)

Magenta (0%)

Yellow (90%)

Black (34%)



Cyan (40%)


Magenta (34%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4260, 35.1887, 5.8769 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 27.4260, 35.1887, 5.8769 by changing the saturation by 10% instead.


 27.4260, 35.1887,
5.8769


 27.4260, 35.1887,
5.8769


281.8439,
325.4005, 167.2352


 18.0317, 23.8083,
2.7028


 54.9818, 67.7780,
18.1481


 11.0725, 15.1915,
0.9448


 73.8739, 89.7556,
28.0822


 6.1833, 8.9539,
0.0000


 96.6627, 116.0345,
41.1068

 2.9986, 4.7111,
0.0000

 123.7136,
146.9989, 57.6404

 1.1530, 2.0788,
0.0000

 155.3917,
183.0333, 78.1015

 0.0688, 0.6526,
0.0000

 192.0626,

 0.0000, 0.0000,

224.5221, 102.9086

0.0000

234.0916,
271.8497, 132.4803

■ 27.4260, 35.1887,
5.8769

■ 27.4260, 35.1887,
5.8769

■ 26.9927, 34.9782,
5.3320

■ 27.9514, 35.4393,
6.8740

■ 26.9899, 34.9768,
5.3287

■ 28.6008, 35.7387,
8.5011

■ 29.3906, 36.0949,
10.8409

■ 30.3339, 36.5130,
13.9628

■ 31.4425, 36.9979,
17.9283

■ 32.7267, 37.5536,
22.7924

■ 34.1963, 38.1841,
28.6057

■ 35.8602, 38.8929,
35.4150

■ 37.7266, 39.6832,
43.2639

Harmonies

Analogous

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



37.3525, 35.1887, 5.3115



27.4260, 35.1887, 5.8769



20.6583, 35.1887, 11.9182

Triad

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



27.4260, 35.1887, 5.8769



22.1021, 35.1887, 98.7200



56.7860, 35.1887, 50.1360

Complementary

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



27.4260, 35.1887, 5.8769



7.9902, 3.5896, 37.8100

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.



50.6509, 35.1887, 88.6114



27.4260, 35.1887, 5.8769



29.8215, 35.1887, 124.8257

Square

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



27.4260, 35.1887, 5.8769



18.0470, 35.1887, 59.8068



40.2877, 35.1887, 120.3959



55.7783, 35.1887, 22.7082

Rectangle

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



27.4260, 35.1887, 5.8769



18.2035, 35.1887, 21.4260



40.2877, 35.1887, 120.3959



55.4478, 35.1887, 62.3344

Sweetspot

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



27.4268, 35.1903, 5.8776



59.2223, 67.5168, 43.2092



16.9866, 9.5204, 1.4731



12.7318, 14.6399, 8.7330



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.4268, 35.1903, 5.8776



48.2288, 62.5833, 9.5379



17.4163, 30.0297, 5.4091



8.0679, 8.7331, 8.0497



20.1410, 26.0803, 3.9725



0.5115, 0.6456, 0.0977

Inverse Universe

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



7.9902, 3.5896, 37.8100



13.1812, 5.3135, 67.5560



13.5720, 6.4671, 38.0712



7.2024, 7.3370, 9.4549



5.5439, 2.2414, 28.1159



0.1567, 0.0658, 0.6851

Previews

White Background



This preview shows how the XYZ color 27.4260, 35.1887, 5.8769 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 27.4260, 35.1887, 5.8769 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 27.4260, 35.1887, 5.8769

Background



This preview shows how black text looks on a background with the XYZ color 27.4260, 35.1887, 5.8769.



This preview shows how white text looks on a background with the XYZ color 27.4260, 35.1887,

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

27.4260, 35.1887, 5.8769

Protanopia

31.4658, 34.8740, 5.4537

Deuteranopia

35.5763, 34.9783, 6.2429



Tritanopia

34.8297, 35.0156, 42.9532

Trichromacy



Original Color

27.4260, 35.1887, 5.8769

Protanomaly

29.7540, 34.7721, 5.5590

Deuteranomaly

32.1919, 34.7232, 6.0425

Tritanomaly

30.4801, 34.2817, 20.9301

Monochromacy



Original Color

27.4260, 35.1887, 5.8769

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.4160, 30.7524, 16.6001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4260, 35.1887, 5.8769 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(153, 169, 17)` looks like.

```
.text, #text, p{  
    color:rgb(153, 169, 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(153, 169, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 169, 17) }
```

Border

The CSS property to change the border of an element to XYZ 27.4260, 35.1887, 5.8769 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(153, 169, 17) }
```


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

```
.border{ border-color:rgb(153, 169, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 169, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 169, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 169, 17);  
box-shadow:4px 4px 4px 4px rgb(153, 169,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4260, 35.1887, 5.8769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 169, 17) }
```

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

```
.background{ background-color: rgb(153,  
169, 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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