

Converting Colors

XYZ(25.8108, 31.0168, 5.1698)

Have a look what the booklet for
XYZ(25.8108, 31.0168, 5.1698)
contains.

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Color

**XYZ(25.6999, 30.8853,
5.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9C11
RGB	156, 156, 17
RGB Percent	61%, 61%, 7%
CMY	0.3882, 0.3882, 0.9333
CMYK	0.00, 0.00, 0.89, 0.39
HSL	60°, 80%, 34%
HSV	60°, 89%, 61%
XYZ	25.6999, 30.8853, 5.1372
YIQ	140.1540, 44.6190, -43.2290

Conversions

Conversions Part 2

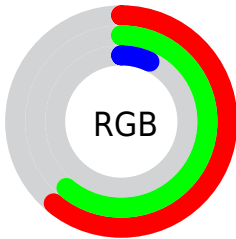
Format	Color
RYB	17, 156, 17
Decimal	10263569
CIELab	62.41, -14.66, 62.92
CIELCh	62, 64.606, 103.112
Yxy	30.8853, 0.4164, 0.5004
Android (android.graphics.Color)	4288453649 (0xFF9C9C11)
YUV	140.1540, -60.7149, 13.8969
Hunter-Lab	55.5745, -14.7099, 33.4215

Details

The XYZ color **25.6999, 30.8853, 5.1372** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.4331, 2.9209, 31.6792**, and the grayscale version is **25.2049, 26.5175, 28.8775**.

A 20% lighter version of the original color is **52.2261, 60.9685, 16.6049**, and **10.3071, 12.8125, 1.9298** is the 20% darker color. If you saturate the color by 10%, you get **25.6070, 30.8493, 4.6453**, and if you desaturate by 10%, it is **25.8685, 30.9539, 6.0216**.

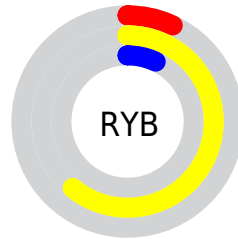
Distribution



Red (61%)

Green (61%)

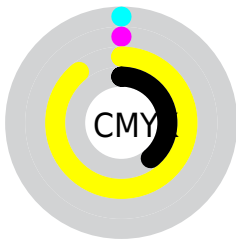
Blue (7%)



Red (7%)

Yellow (61%)

Blue (7%)

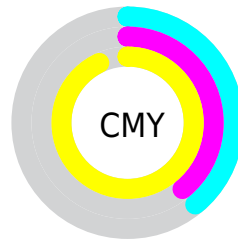


Cyan (0%)

Magenta (0%)

Yellow (89%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6999, 30.8853, 5.1372 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 25.6999, 30.8853, 5.1372 by changing the saturation by 10% instead.

■ 25.6999, 30.8853,
5.1372

■ 25.6999, 30.8853,
5.1372

273.5896,
306.0096, 160.1323

■ 16.7308, 20.5115,
2.2678

■ 52.2252, 61.0594,
16.5575

■ 10.1368, 12.7674,
0.7131

■ 70.5120, 81.6286,
25.9456

■ 5.5527, 7.2686,
0.0000

■ 92.6355, 106.3650,
38.3436

■ 2.6131, 3.6306,
0.0000

■ 118.9609,
135.6530, 54.1701

■ 0.9527, 1.4692,
0.0000

■ 149.8537,
169.8771, 73.8437

■ 0.0000, 0.2669,
0.0000

■ 185.6792,

■ 0.0000, 0.0000,

209.4216, 97.7829

0.0000

226.8027,
254.6710, 126.4062

25.6999, 30.8853,
5.1372

25.6999, 30.8853,
5.1372

25.6070, 30.8493,
4.6453

25.8685, 30.9539,
6.0216

25.5992, 30.8462,
4.6047

26.1374, 31.0615,
7.4369

26.5197, 31.2144,
9.4494

27.0261, 31.4170,
12.1153

27.6660, 31.6730,
15.4843

■ 28.4479, 31.9857,
19.6014

■ 29.3797, 32.3585,
24.5076

■ 30.4686, 32.7941,
30.2412

■ 31.7214, 33.2952,
36.8379

Harmonies

Analogous

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



34.5227, 30.8853, 5.3758



25.6999, 30.8853, 5.1372



19.2881, 30.8853, 9.2836

Triad

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



25.6999, 30.8853, 5.1372



18.7012, 30.8853, 78.5111



48.5900, 30.8853, 49.6695

Complementary

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



25.6999, 30.8853, 5.1372



6.4331, 2.9209, 31.6792

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.



42.4290, 30.8853, 82.5319



25.6999, 30.8853, 5.1372



24.7316, 30.8853, 104.0732

Square

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



25.6999, 30.8853, 5.1372



15.8230, 30.8853, 45.7943



33.3424, 30.8853, 105.8295



48.9929, 30.8853, 23.8347

Rectangle

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



25.6999, 30.8853, 5.1372



16.7555, 30.8853, 16.1975



33.3424, 30.8853, 105.8295



47.0752, 30.8853, 60.4851

Sweetspot

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



25.7006, 30.8867, 5.1378



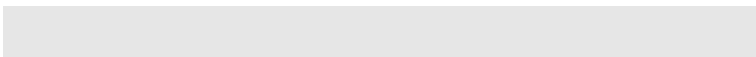
51.9126, 58.1902, 36.8960



14.0130, 7.5100, 1.2417



11.3161, 12.7616, 7.5558



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.



25.7006, 30.8867, 5.1378



46.4926, 56.0220, 8.3629



15.8750, 25.8215, 4.6780



7.1702, 7.7204, 7.0979



21.0846, 25.4063, 3.7926



0.3770, 0.4543, 0.0678

Inverse Universe

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



6.4331, 2.9209, 31.6792



10.8992, 4.3597, 57.3938



10.0862, 4.8042, 31.8501



6.2848, 6.4353, 8.3176



4.9428, 1.9771, 26.0283



0.0884, 0.0354, 0.4654

Previews

White Background



This preview shows how the XYZ color 25.6999, 30.8853, 5.1372 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 25.6999, 30.8853, 5.1372 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 25.6999, 30.8853, 5.1372

Background



This preview shows how black text looks on a background with the XYZ color 25.6999, 30.8853, 5.1372.



This preview shows how white text looks on a background with the XYZ color 25.6999, 30.8853,

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

25.6999, 30.8853, 5.1372

Protanopia

27.7304, 30.7138, 4.9187

Deuteranopia

31.2673, 30.6759, 5.3717



Tritanopia

31.8520, 30.7581, 35.7106

Trichromacy



Original Color

25.6999, 30.8853, 5.1372

Protanomaly

27.0018, 30.8192, 5.0158

Deuteranomaly

29.1149, 30.7107, 5.2574

Tritanomaly

28.1975, 30.1962, 17.7069

Monochromacy



Original Color

25.6999, 30.8853, 5.1372

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1985, 27.4950, 14.8581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6999, 30.8853, 5.1372 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(156, 156, 17)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 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(156, 156, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 17) }
```

Border

The CSS property to change the border of an element to XYZ 25.6999, 30.8853, 5.1372 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(156, 156, 17) }
```


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

```
.border{ border-color:rgb(156, 156, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 17);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6999, 30.8853, 5.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 17) }
```

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

```
.background{ background-color: rgb(156,  
156, 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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