

Converting Colors

XYZ(25.8962, 27.5507, 6.9002)

Have a look what the booklet for
XYZ(25.8962, 27.5507, 6.9002)
contains.

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Color

**XYZ(25.9533, 27.6747,
6.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	A68E31
RGB	166, 142, 49
RGB Percent	65%, 56%, 19%
CMY	0.3490, 0.4431, 0.8078
CMYK	0.00, 0.14, 0.70, 0.35
HSL	48°, 54%, 42%
HSV	48°, 70%, 65%
XYZ	25.9533, 27.6747, 6.8796
YIQ	138.5740, 44.1570, -23.8350

Conversions

Conversions Part 2

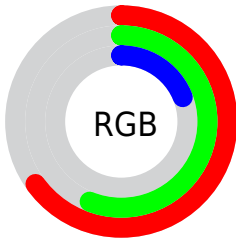
Format	Color
R_{YB}	79, 166, 49
Decimal	10915377
CIE _{Lab}	59.59, -1.45, 50.68
CIE _{LCh}	60, 50.697, 91.644
Yxy	27.6747, 0.4289, 0.4574
Android (android.graphics.Color)	4289105457 (0xFFA68E31)
YUV	138.5740, -44.1600, 24.0526
Hunter-Lab	52.6067, -3.9996, 29.0711

Details

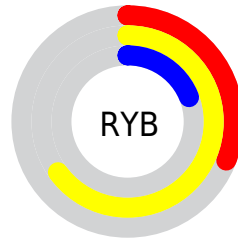
The XYZ color **25.9533, 27.6747, 6.8796** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.5321, 8.1711, 37.0984**, and the grayscale version is **24.5298, 25.8073, 28.1041**.

A 20% lighter version of the original color is **52.6045, 55.8171, 20.3131**, and **10.3827, 11.0338, 1.5825** is the 20% darker color. If you saturate the color by 10%, you get **25.1668, 26.5630, 5.1961**, and if you desaturate by 10%, it is **26.8856, 28.8716, 9.2489**.

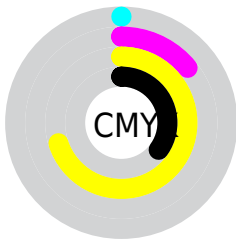
Distribution



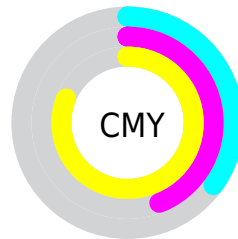
- Red (65%)
- Green (56%)
- Blue (19%)



- Red (31%)
- Yellow (65%)
- Blue (19%)



- Cyan (0%)
- Magenta (14%)
- Yellow (70%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9533, 27.6747, 6.8796 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 25.9533, 27.6747, 6.8796 by changing the saturation by 10% instead.

■ 25.9533, 27.6747,
6.8796

■ 25.9533, 27.6747,
6.8796

274.8137,
290.9092, 176.2523

■ 16.9212, 18.0806,
3.3096

■ 52.6314, 55.9647,
20.2393

■ 10.2733, 11.0079,
1.2548

■ 71.0082, 75.4293,
30.8661

■ 5.6442, 6.0721,
0.0243

■ 93.2305, 98.9529,
44.6823

■ 2.6685, 2.8890,
0.0000

■ 119.6638,
126.9199, 62.1063

■ 0.9810, 1.0741,
0.0000

■ 150.6734,
159.7146, 83.5568

■ 0.0000, 0.0000,
0.0000

■ 186.6247,

197.7215, 109.4523

227.8830,
241.3249, 140.2113

■ 25.9533, 27.6747,
6.8796

■ 25.9533, 27.6747,
6.8796

■ 25.1668, 26.5630,
5.1961

■ 26.8856, 28.8716,
9.2489

■ 24.5091, 25.5262,
4.1178

■ 27.9745, 30.1552,
12.3693

■ 23.9709, 24.5970,
3.4843

■ 29.2322, 31.5314,
16.3005

■ 30.6689, 33.0046,
21.0956

■ 32.2937, 34.5787,
26.8031

■ 34.1156, 36.2573,
33.4681

■ 36.1424, 38.0440,
41.1326

■ 38.3819, 39.9419,
49.8359

■ 40.8412, 41.9542,
59.6155

Harmonies

Analogous

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



32.5769, 27.6747, 8.5728



25.9533, 27.6747, 6.8796



20.3740, 27.6747, 9.0166

Triad

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



25.9533, 27.6747, 6.8796



17.1749, 27.6747, 52.6017



38.6556, 27.6747, 50.1089

Complementary

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



25.9533, 27.6747, 6.8796



10.5321, 8.1711, 37.0984

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.



33.2855, 27.6747, 71.0751



25.9533, 27.6747, 6.8796



20.8929, 27.6747, 72.8776

Square

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



25.9533, 27.6747, 6.8796



15.8409, 27.6747, 31.1531



26.6578, 27.6747, 80.7189



40.5845, 27.6747, 29.1355

Rectangle

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



25.9533, 27.6747, 6.8796



17.8029, 27.6747, 13.1560



26.6578, 27.6747, 80.7189



37.1544, 27.6747, 57.6439

Sweetspot

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



25.9539, 27.6760, 6.8802



58.3273, 62.4894, 47.6318



18.0722, 10.8030, 7.6737



12.8721, 13.8116, 10.0176



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.



25.9539, 27.6760, 6.8802



44.9215, 47.0461, 8.1165



23.8400, 32.4686, 7.9166



8.0143, 8.5086, 8.0092



18.6221, 19.1415, 2.7132



0.4852, 0.5300, 0.0767

Inverse Universe

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



10.5321, 8.1711, 37.0984



15.3125, 9.7299, 66.5463



11.4743, 6.7507, 36.7746



7.2518, 7.5406, 9.4916



5.8101, 3.0805, 28.2639



0.1753, 0.1428, 0.6990

Previews

White Background



This preview shows how the XYZ color 25.9533, 27.6747, 6.8796 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 25.9533, 27.6747, 6.8796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

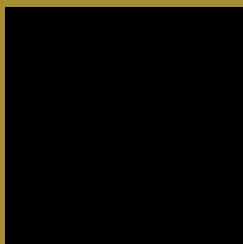
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9533, 27.6747, 6.8796

Background



This preview shows how black text looks on a background with the XYZ color 25.9533, 27.6747, 6.8796.



This preview shows how white text looks on a background with the XYZ color 25.9533, 27.6747,

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

25.9533, 27.6747, 6.8796

Protanopia

25.2469, 27.7539, 7.0440

Deuteranopia

27.9921, 27.4310, 6.9513



Tritanopia

30.5790, 27.6425, 29.7104

Trichromacy



Original Color

25.9533, 27.6747, 6.8796

Protanomaly

25.5024, 27.6617, 7.0127

Deuteranomaly

27.1198, 27.4059, 6.8781

Tritanomaly

28.1420, 27.2585, 18.2462

Monochromacy



Original Color

25.9533, 27.6747, 6.8796

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3740, 26.1863, 17.4055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9533, 27.6747, 6.8796 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(166, 142, 49)` looks like.

```
.text, #text, p{  
    color:rgb(166, 142, 49)  
}
```

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(166, 142, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 142, 49) }
```

Border

The CSS property to change the border of an element to XYZ 25.9533, 27.6747, 6.8796 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(166, 142, 49) }
```


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

```
.border{ border-color:rgb(166, 142, 49) }
```

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

Here you see how a box with a 4 pixel rgb(166, 142, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 142, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 142, 49);  
box-shadow:4px 4px 4px 4px rgb(166, 142,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9533, 27.6747, 6.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 142, 49) }
```

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

```
.background{ background-color: rgb(166,  
142, 49) }
```

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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