

Converting Colors

XYZ(26.7436, 27.0461, 6.7898)

Have a look what the booklet for
XYZ(26.7436, 27.0461, 6.7898)
contains.

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Color

**XYZ(26.7550, 27.0058,
6.8201)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8932
RGB	173, 137, 50
RGB Percent	68%, 54%, 20%
CMY	0.3216, 0.4627, 0.8039
CMYK	0.00, 0.21, 0.71, 0.32
HSL	42°, 55%, 44%
HSV	42°, 71%, 68%
XYZ	26.7550, 27.0058, 6.8201
YIQ	137.8460, 49.3830, -19.4250

Conversions

Conversions Part 2

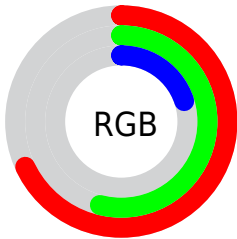
Format	Color
RYB	101, 173, 50
Decimal	11372850
CIELab	58.98, 4.50, 49.85
CIELCh	59, 50.050, 84.843
Yxy	27.0058, 0.4416, 0.4458
Android (android.graphics.Color)	4289562930 (0xFFAD8932)
YUV	137.8460, -43.3081, 30.8301
Hunter-Lab	51.9671, 0.9574, 28.5958

Details

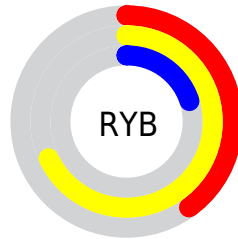
The XYZ color **26.7550, 27.0058, 6.8201** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.1860, 10.3506, 40.8907**, and the grayscale version is **24.2461, 25.5087, 27.7790**.

A 20% lighter version of the original color is **53.7174, 54.7554, 20.0496**, and **10.8258, 10.7614, 1.5066** is the 20% darker color. If you saturate the color by 10%, you get **25.7473, 25.4791, 4.9780**, and if you desaturate by 10%, it is **27.9388, 28.6592, 9.4171**.

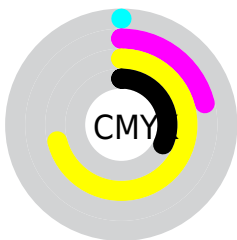
Distribution



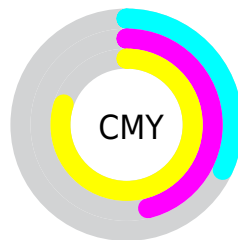
- Red (68%)
- Green (54%)
- Blue (20%)



- Red (40%)
- Yellow (68%)
- Blue (20%)



- Cyan (0%)
- Magenta (21%)
- Yellow (71%)
- Black (32%)





- Cyan (32%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7550, 27.0058, 6.8201 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 26.7550, 27.0058, 6.8201 by changing the saturation by 10% instead.


 26.7550, 27.0058,
6.8201


 26.7550, 27.0058,
6.8201


278.6581,
287.6852, 175.7342


 17.5249, 17.5776,
3.2731


 53.9131, 54.8932,
20.1170


 10.7071, 10.6471,
1.2357


 72.5719, 74.1211,
30.7041

 5.9361, 5.8301,
0.0082


 95.1043, 97.3844,
44.4749

 2.8465, 2.7420,
0.0000

 121.8757,
125.0675, 61.8480

 1.0731, 0.9986,
0.0000

 153.2514,
157.5547, 83.2419

 0.0025, 0.0000,
0.0000

 189.5968,

 0.0000, 0.0000,

195.2305, 109.0752

0.0000

231.2773,
238.4792, 139.7665

■ 26.7550, 27.0058,
6.8201

■ 26.7550, 27.0058,
6.8201

■ 25.7473, 25.4791,
4.9780

■ 27.9388, 28.6592,
9.4171

■ 24.8964, 24.0673,
3.8004

■ 29.3115, 30.4418,
12.8427

■ 24.2387, 22.8946,
3.1416

■ 30.8866, 32.3608,
17.1634

■ 32.6758, 34.4217,
22.4385

■ 34.6899, 36.6293,
28.7221

■ 36.9386, 38.9882,
36.0643

■ 39.4313, 41.5030,
44.5120

■ 42.1767, 44.1776,
54.1089

■ 45.1830, 47.0160,
64.8968

Harmonies

Analogous

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



33.1654, 27.0058, 9.3879



26.7550, 27.0058, 6.8201



20.9769, 27.0058, 8.0258

Triad

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



26.7550, 27.0058, 6.8201



16.2961, 27.0058, 46.2142



36.7045, 27.0058, 53.7802

Complementary

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



26.7550, 27.0058, 6.8201



12.1860, 10.3506, 40.8907

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.



31.0115, 27.0058, 72.5606



26.7550, 27.0058, 6.8201



19.3957, 27.0058, 67.0984

Square

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



26.7550, 27.0058, 6.8201



15.5290, 27.0058, 26.4407



24.6112, 27.0058, 78.2207



39.4711, 27.0058, 32.5824

Rectangle

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



26.7550, 27.0058, 6.8201



18.1438, 27.0058, 11.2283



24.6112, 27.0058, 78.2207



35.0293, 27.0058, 60.8759

Sweetspot

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



26.7556, 27.0071, 6.8206



62.0252, 65.4911, 51.1113



20.0906, 11.8522, 10.2246



13.2631, 13.9992, 10.4214



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.7556, 27.0071, 6.8206



45.2583, 44.2445, 7.6425



27.8046, 36.4507, 8.5881



8.4617, 8.9283, 8.4907



17.8581, 16.9218, 2.3250



0.5410, 0.5591, 0.0794

Inverse Universe

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



12.1860, 10.3506, 40.8907



17.7699, 12.9629, 72.3713



11.5541, 6.7784, 40.2345



7.7628, 8.1249, 10.1118



6.4431, 4.0201, 29.4809



0.2271, 0.2075, 0.8361

Previews

White Background



This preview shows how the XYZ color 26.7550, 27.0058, 6.8201 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 26.7550, 27.0058, 6.8201 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 26.7550, 27.0058, 6.8201

Background



This preview shows how black text looks on a background with the XYZ color 26.7550, 27.0058, 6.8201.



This preview shows how white text looks on a background with the XYZ color 26.7550, 27.0058,

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

26.7550, 27.0058, 6.8201

Protanopia

24.5686, 26.9559, 7.0401

Deuteranopia

27.6216, 27.0319, 6.8938



Tritanopia

30.8970, 26.8570, 27.6002

Trichromacy



Original Color

26.7550, 27.0058, 6.8201

Protanomaly

25.2855, 26.8877, 6.9891

Deuteranomaly

27.3062, 27.0774, 6.9192

Tritanomaly

28.8493, 26.6203, 17.2534

Monochromacy



Original Color

26.7550, 27.0058, 6.8201

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4525, 25.7969, 17.3262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7550, 27.0058, 6.8201 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(173, 137, 50)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 50)  
}
```

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(173, 137, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 50) }
```

Border

The CSS property to change the border of an element to XYZ 26.7550, 27.0058, 6.8201 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(173, 137, 50) }
```


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

```
.border{ border-color:rgb(173, 137, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 137, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 50);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7550, 27.0058, 6.8201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 50) }
```

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

```
.background{ background-color: rgb(173,  
137, 50) }
```

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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