

Converting Colors

XYZ(25.6932, 26.7706, 0.0000)

Have a look what the booklet for
XYZ(25.6932, 26.7706, 0.0000)
contains.

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Color

**XYZ(26.5440, 27.1756,
3.8464)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8A00
RGB	174, 138, 0
RGB Percent	68%, 54%, 0%
CMY	0.3177, 0.4588, 1.0000
CMYK	0.00, 0.21, 1.00, 0.32
HSL	48°, 100%, 34%
HSV	48°, 100%, 68%
XYZ	26.5440, 27.1756, 3.8464
YIQ	133.0320, 65.7540, -35.2860

Conversions

Conversions Part 2

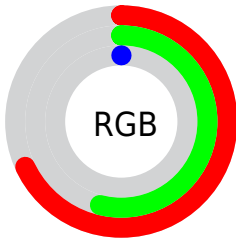
Format	Color
RYB	45, 174, 0
Decimal	11438592
CIELab	59.14, 2.96, 63.92
CIElCh	59, 63.990, 87.350
Yxy	27.1756, 0.4611, 0.4721
Android (android.graphics.Color)	4289628672 (0xFFAE8A00)
YUV	133.0320, -65.5848, 35.9289
Hunter-Lab	52.1302, -0.3381, 32.1165

Details

The XYZ color **26.5440, 27.1756, 3.8464** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **8.2711, 4.3181, 40.4415**, and the grayscale version is **22.5217, 23.6946, 25.8034**.

A 20% lighter version of the original color is **53.6680, 55.1962, 13.6197**, and **10.9085, 10.9267, 1.5341** is the 20% darker color. If you saturate the color by 10%, you get **26.5442, 27.1763, 3.8465**, and if you desaturate by 10%, it is **27.1741, 28.2689, 4.5715**.

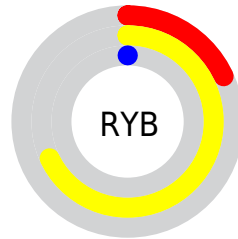
Distribution



Red (68%)

Green (54%)

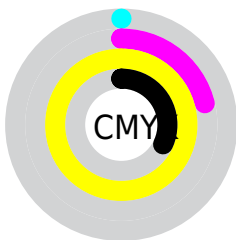
Blue (0%)



Red (18%)

Yellow (68%)

Blue (0%)

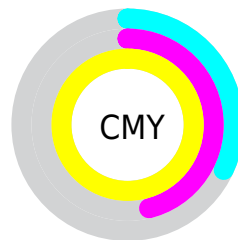


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5440, 27.1756, 3.8464 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 26.5440, 27.1756, 3.8464 by changing the saturation by 10% instead.

■ 26.5440, 27.1756,
3.8464

■ 26.5440, 27.1756,
3.8464

277.6504,
288.5063, 146.5025

■ 17.3659, 17.7051,
1.5415

■ 53.5763, 55.1655,
13.6539

■ 10.5926, 10.7385,
0.2485

■ 72.1612, 74.4538,
21.9936

■ 5.8589, 5.8913,
0.0000

■ 94.6124, 97.7834,
33.1820

■ 2.7993, 2.7791,
0.0000

■ 121.2953,
125.5389, 47.6375

■ 1.0485, 1.0175,
0.0000

■ 152.5752,
158.1045, 65.7788

■ 0.0000, 0.0000,
0.0000

■ 188.8174,

195.8647, 88.0244

230.3874,
239.2038, 114.7927

26.5440, 27.1756,
3.8464

26.5440, 27.1756,
3.8464

26.5442, 27.1763,
3.8465

27.1741, 28.2689,
4.5715

27.9126, 29.4320,
5.7852

28.7964, 30.6813,
7.6781

29.8424, 32.0235,
10.3384

31.0651, 33.4648,
13.8411

■ 32.4770, 35.0105,
18.2522

■ 34.0896, 36.6653,
23.6311

■ 35.9134, 38.4338,
30.0322

■ 37.9581, 40.3199,
37.5059

Harmonies

Analogous

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



35.0015, 27.1756, 5.8965



26.5440, 27.1756, 3.8464



19.4148, 27.1756, 5.2315

Triad

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



26.5440, 27.1756, 3.8464



14.4775, 27.1756, 54.6519



40.9843, 27.1756, 60.1104

Complementary

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



26.5440, 27.1756, 3.8464



8.2711, 4.3181, 40.4415

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.



33.5214, 27.1756, 88.1231



26.5440, 27.1756, 3.8464



18.4187, 27.1756, 83.9926

Square

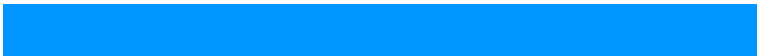
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.5440, 27.1756, 3.8464



13.3555, 27.1756, 27.6081



25.1281, 27.1756, 98.5587



44.3410, 27.1756, 31.6637

Rectangle

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



26.5440, 27.1756, 3.8464



16.1258, 27.1756, 8.7148



25.1281, 27.1756, 98.5587



38.8063, 27.1756, 70.3491

Sweetspot

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



26.5446, 27.1769, 3.8469



61.6693, 66.3417, 42.2944



17.8007, 9.1369, 2.6345



13.4297, 14.4649, 8.4643



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.



26.5446, 27.1769, 3.8469



47.9838, 48.9649, 6.9221



23.5500, 34.6094, 5.4394



8.5199, 9.0446, 8.5101



19.2962, 19.7980, 2.8044



0.5718, 0.6208, 0.0897

Inverse Universe

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



8.2711, 4.3181, 40.4415



14.8728, 7.5724, 73.3146



8.9215, 3.7168, 40.2912



7.7082, 8.0157, 10.0936



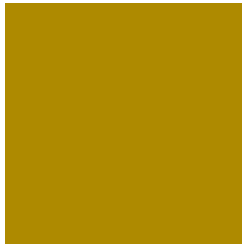
6.0346, 3.2030, 29.3447



0.2057, 0.1647, 0.8289

Previews

White Background



This preview shows how the XYZ color 26.5440, 27.1756, 3.8464 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 26.5440, 27.1756, 3.8464 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 26.5440, 27.1756, 3.8464

Background



This preview shows how black text looks on a background with the XYZ color 26.5440, 27.1756, 3.8464.



This preview shows how white text looks on a background with the XYZ color 26.5440, 27.1756,

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

26.5440, 27.1756, 3.8464

Protanopia

24.5642, 27.2395, 4.1928

Deuteranopia

27.5468, 27.0554, 4.0870



Tritanopia

31.3627, 27.0971, 27.6220

Trichromacy



Original Color

26.5440, 27.1756, 3.8464

Protanomaly

25.2782, 27.1677, 4.0552

Deuteranomaly

27.2026, 27.0886, 3.9959

Tritanomaly

28.3728, 26.6721, 12.8853

Monochromacy



Original Color

26.5440, 27.1756, 3.8464

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5164, 24.2797, 12.0940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5440, 27.1756, 3.8464 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(174, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 138, 0)  
}
```

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(174, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 138, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5440, 27.1756, 3.8464 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(174, 138, 0) }
```


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

```
.border{ border-color:rgb(174, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 138,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5440, 27.1756, 3.8464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 138, 0) }
```

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

```
.background{ background-color: rgb(174,  
138, 0) }
```

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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