

Converting Colors

XYZ(26.4764, 27.7963, 8.6773)

Have a look what the booklet for
XYZ(26.4764, 27.7963, 8.6773)
contains.

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Color

**XYZ(26.5066, 27.9204,
8.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	A78E3F
RGB	167, 142, 63
RGB Percent	65%, 56%, 25%
CMY	0.3451, 0.4431, 0.7529
CMYK	0.00, 0.15, 0.62, 0.35
HSL	46°, 45%, 45%
HSV	46°, 62%, 65%
XYZ	26.5066, 27.9204, 8.6948
YIQ	140.4690, 40.2590, -19.2690

Conversions

Conversions Part 2

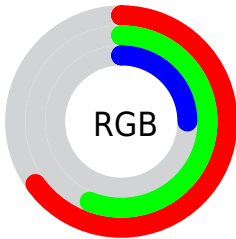
Format	Color
RYB	96, 167, 63
Decimal	10980927
CIELab	59.82, -0.13, 44.59
CIELCh	60, 44.594, 90.163
Yxy	27.9204, 0.4199, 0.4423
Android (android.graphics.Color)	4289171007 (0xFFA78E3F)
YUV	140.4690, -38.1922, 23.2677
Hunter-Lab	52.8398, -2.9266, 27.2316

Details

The XYZ color **26.5066, 27.9204, 8.6948** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.5146, 10.8259, 37.9891**, and the grayscale version is **25.2438, 26.5585, 28.9222**.

A 20% lighter version of the original color is **53.2928, 56.0924, 23.9377**, and **10.5640, 11.1210, 1.8769** is the 20% darker color. If you saturate the color by 10%, you get **25.5226, 26.5894, 6.4032**, and if you desaturate by 10%, it is **27.6550, 29.3537, 11.7402**.

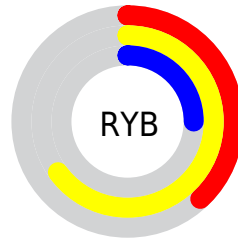
Distribution



Red (65%)

Green (56%)

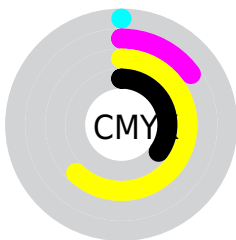
Blue (25%)



Red (38%)

Yellow (65%)

Blue (25%)

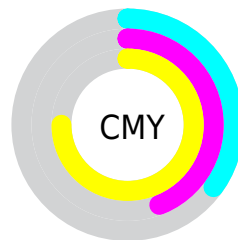


Cyan (0%)

Magenta (15%)

Yellow (62%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5066, 27.9204, 8.6948 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 26.5066, 27.9204, 8.6948 by changing the saturation by 10% instead.

■ 26.5066, 27.9204,
8.6948

■ 26.5066, 27.9204,
8.6948

277.4715,
292.0864, 191.2180

■ 17.3377, 18.2657,
4.4486

■ 53.5166, 56.3573,
23.8780

■ 10.5723, 11.1409,
1.8745

■ 72.0884, 75.9083,
35.6520

■ 5.8452, 6.1617,
0.4764

■ 94.5252, 99.5268,
50.7723

■ 2.7909, 2.9436,
0.0000

■ 121.1923,
127.5973, 69.6575

■ 1.0442, 1.1024,
0.0000

■ 152.4551,
160.5041, 92.7262

■ 0.0000, 0.0000,
0.0000

188.6790,

198.6316, 120.3968

230.2294,
242.3642, 153.0878

■ 26.5066, 27.9204,
8.6948

■ 26.5066, 27.9204,
8.6948

■ 25.5226, 26.5894,
6.4032

■ 27.6550, 29.3537,
11.7402

■ 24.6875, 25.3510,
4.7939

■ 28.9777, 30.8904,
15.5989

■ 23.9861, 24.1998,
3.7843

■ 30.4859, 32.5364,
20.3264

■ 23.5079, 23.3586,
3.2697

■ 32.1893, 34.2959,
25.9729

■ 34.0970, 36.1730,
32.5845

■ 36.2174, 38.1712,
40.2044

■ 38.5582, 40.2941,
48.8732

■ 41.1270, 42.5449,
58.6291

■ 43.9309, 44.9268,
69.5086

Harmonies

Analogous

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



32.3178, 27.9204, 10.6107



26.5066, 27.9204, 8.6948



21.4446, 27.9204, 10.6547

Triad

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



26.5066, 27.9204, 8.6948



18.2094, 27.9204, 48.8663



37.1206, 27.9204, 48.6562

Complementary

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



26.5066, 27.9204, 8.6948



12.5146, 10.8259, 37.9891

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.



32.3789, 27.9204, 66.0149



26.5066, 27.9204, 8.6948



21.4911, 27.9204, 66.1635

Square

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



26.5066, 27.9204, 8.6948



17.0889, 27.9204, 30.4892



26.5684, 27.9204, 73.3339



38.9510, 27.9204, 30.3121

Rectangle

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



26.5066, 27.9204, 8.6948



19.0392, 27.9204, 14.5080



26.5684, 27.9204, 73.3339



35.7840, 27.9204, 55.0045

Sweetspot

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



26.5073, 27.9217, 8.6954



58.6117, 62.3849, 49.8026



19.5172, 12.4921, 10.8341



12.9131, 13.7575, 10.4510



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.



26.5073, 27.9217, 8.6954



45.0679, 46.6947, 10.1508



25.7005, 33.6590, 9.8453



7.9918, 8.4637, 8.0017



18.0279, 17.9530, 2.5151



0.4746, 0.5088, 0.0732

Inverse Universe

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



12.5146, 10.8259, 37.9891



17.9604, 13.6604, 67.1654



12.8727, 8.4693, 37.5154



7.2728, 7.5825, 9.4986



5.9546, 3.3695, 28.3120



0.1831, 0.1584, 0.7016

Previews

White Background



This preview shows how the XYZ color 26.5066, 27.9204, 8.6948 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 26.5066, 27.9204, 8.6948 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

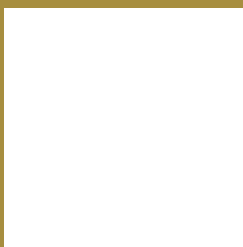
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5066, 27.9204, 8.6948

Background



This preview shows how black text looks on a background with the XYZ color 26.5066, 27.9204, 8.6948.



This preview shows how white text looks on a background with the XYZ color 26.5066, 27.9204,

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

26.5066, 27.9204, 8.6948

Protanopia

25.3959, 27.7903, 8.8760

Deuteranopia

28.4615, 27.8452, 8.7251



Tritanopia

30.8771, 27.7873, 30.1216

Trichromacy



Original Color

26.5066, 27.9204, 8.6948

Protanomaly

25.8521, 27.8016, 8.8542

Deuteranomaly

27.8372, 27.9494, 8.7781

Tritanomaly

28.6933, 27.5041, 20.0162

Monochromacy



Original Color

26.5066, 27.9204, 8.6948

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0272, 26.7036, 19.1645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5066, 27.9204, 8.6948 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(167, 142, 63)` looks like.

```
.text, #text, p{  
    color:rgb(167, 142, 63)  
}
```

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(167, 142, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 142, 63) }
```

Border

The CSS property to change the border of an element to XYZ 26.5066, 27.9204, 8.6948 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(167, 142, 63) }
```


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

```
.border{ border-color:rgb(167, 142, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 142, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 142, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 142, 63);  
box-shadow:4px 4px 4px 4px rgb(167, 142,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5066, 27.9204, 8.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 142, 63) }
```

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

```
.background{ background-color: rgb(167,  
142, 63) }
```

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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