

Converting Colors

XYZ(26.5808, 34.0472, 16.6324)

Have a look what the booklet for
XYZ(26.5808, 34.0472, 16.6324)
contains.

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Color

**XYZ(26.5046, 33.9225,
16.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA762
RGB	138, 167, 98
RGB Percent	54%, 65%, 38%
CMY	0.4588, 0.3451, 0.6157
CMYK	0.17, 0.00, 0.41, 0.35
HSL	85°, 28%, 52%
HSV	85°, 41%, 65%
XYZ	26.5046, 33.9225, 16.7060
YIQ	150.4630, 4.8650, -27.6070

Conversions

Conversions Part 2

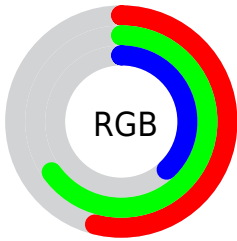
Format	Color
RYB	98, 167, 127
Decimal	9086818
CIELab	64.90, -22.05, 32.41
CIELCh	65, 39.203, 124.225
Yxy	33.9225, 0.3436, 0.4398
Android (android.graphics.Color)	4287276898 (0xFF8AA762)
YUV	150.4630, -25.8643, -10.9301
Hunter-Lab	58.2430, -20.6955, 23.7638

Details

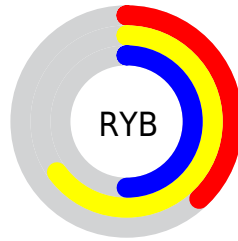
The XYZ color **26.5046, 33.9225, 16.7060** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.0963, 16.0383, 38.5975**, and the grayscale version is **29.2922, 30.8177, 33.5605**.

A 20% lighter version of the original color is **53.3645, 65.6510, 38.7135**, and **10.5442, 14.4702, 5.2549** is the 20% darker color. If you saturate the color by 10%, you get **24.6731, 33.0612, 12.9250**, and if you desaturate by 10%, it is **28.5774, 34.8913, 21.3585**.

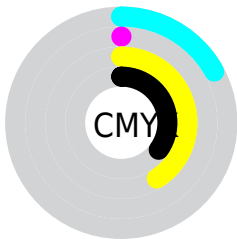
Distribution



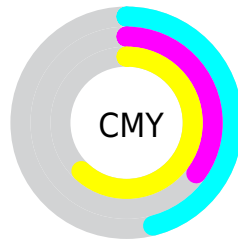
- Red (54%)
- Green (65%)
- Blue (38%)



- Red (38%)
- Yellow (65%)
- Blue (50%)



- Cyan (17%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5046, 33.9225, 16.7060 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 26.5046, 33.9225, 16.7060 by changing the saturation by 10% instead.

■ 26.5046, 33.9225,
16.7060

■ 26.5046, 33.9225,
16.7060

277.4619,
319.7863, 245.4587

■ 17.3362, 22.8341,
9.8654

■ 53.5134, 65.8131,
38.6033

■ 10.5712, 14.4710,
5.2053

■ 72.0845, 87.3841,
54.4970

■ 5.8445, 8.4490,
2.3074

■ 94.5205, 113.2181,
74.2455

■ 2.7905, 4.3836,
0.7354

■ 121.1868,
143.6994, 98.2674

■ 1.0440, 1.8904,
0.0000

152.4487,
179.2125, 126.9811

■ 0.0000, 0.5426,
0.0000

188.6716,

■ 0.0000, 0.0000,

220.1418, 160.8052

0.0000

230.2209,
266.8716, 200.1582

■ 26.5046, 33.9225,
16.7060

■ 26.5046, 33.9225,
16.7060

■ 24.6731, 33.0612,
12.9250

■ 28.5774, 34.8913,
21.3585

■ 23.0687, 32.2981,
9.9590

■ 30.8998, 35.9676,
26.9299

■ 21.6792, 31.6293,
7.7480


■ 33.4827, 37.1571,
33.4670


■ 20.4902, 31.0488,
6.2233

■ 36.3354, 38.4637,
41.0127


■ 19.4845, 30.5497,
5.3032

■ 39.4670, 39.8911,
49.6071

 18.7288, 30.1697,
4.8362

 42.8858, 41.4429,
59.2885

 46.6000, 43.1223,
70.0929

 50.6172, 44.9326,
82.0550

 54.9449, 46.8770,
95.2076

Harmonies

Analogous

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



31.4477, 33.9225, 13.7693



26.5046, 33.9225, 16.7060



23.4077, 33.9225, 24.9813

Triad

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



26.5046, 33.9225, 16.7060



27.7412, 33.9225, 72.6779



44.3485, 33.9225, 34.6883

Complementary

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



26.5046, 33.9225, 16.7060



20.0963, 16.0383, 38.5975

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.



43.0597, 33.9225, 52.2004



26.5046, 33.9225, 16.7060



33.0502, 33.9225, 77.5137

Square

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



26.5046, 33.9225, 16.7060



24.0609, 33.9225, 57.3675



38.7535, 33.9225, 69.1339



42.0953, 33.9225, 22.0423

Rectangle

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



26.5046, 33.9225, 16.7060



22.5881, 33.9225, 33.8901



38.7535, 33.9225, 69.1339



44.3168, 33.9225, 40.1588

Sweetspot

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



26.5054, 33.9240, 16.7067



59.5268, 66.3428, 58.8084



25.6993, 24.2127, 14.8747



13.1883, 14.7853, 12.8189



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.



26.5054, 33.9240, 16.7067



44.3129, 59.2678, 23.3965



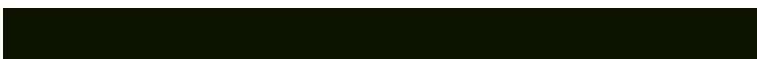
21.7042, 31.4489, 16.4820



7.8376, 8.6144, 8.0389



14.3876, 23.1143, 3.7032



0.4065, 0.5915, 0.0927

Inverse Universe

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



20.0963, 16.0383, 38.5975



31.2067, 22.6640, 68.2051



26.0923, 19.1293, 38.8781



7.4195, 7.4488, 9.4651



7.3344, 3.1644, 28.1997



0.2372, 0.1073, 0.6889

Previews

White Background



This preview shows how the XYZ color 26.5046, 33.9225, 16.7060 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 26.5046, 33.9225, 16.7060 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 26.5046, 33.9225, 16.7060

Background



This preview shows how black text looks on a background with the XYZ color 26.5046, 33.9225, 16.7060.



This preview shows how white text looks on a background with the XYZ color 26.5046, 33.9225,

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

26.5046, 33.9225, 16.7060

Protanopia

31.0906, 33.6927, 15.4544

Deuteranopia

34.2909, 33.5908, 17.2467



Tritanopia

31.7903, 33.6899, 43.3553

Trichromacy



Original Color

26.5046, 33.9225, 16.7060

Protanomaly

29.3076, 33.7895, 15.8038

Deuteranomaly

30.8150, 33.2626, 17.1081

Tritanomaly

29.2805, 33.4326, 31.2955

Monochromacy



Original Color

26.5046, 33.9225, 16.7060

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8393, 31.5266, 26.0907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5046, 33.9225, 16.7060 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(138, 167, 98)` looks like.

```
.text, #text, p{  
    color:rgb(138, 167, 98)  
}
```

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(138, 167, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 167, 98) }
```

Border

The CSS property to change the border of an element to XYZ 26.5046, 33.9225, 16.7060 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(138, 167, 98) }
```


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

```
.border{ border-color:rgb(138, 167, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 167, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 167, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 167, 98);  
box-shadow:4px 4px 4px 4px rgb(138, 167,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5046, 33.9225, 16.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 167, 98) }
```

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

```
.background{ background-color: rgb(138,  
167, 98) }
```

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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