

Converting Colors

XYZ(26.4630, 27.2902, 12.4600)

Have a look what the booklet for
XYZ(26.4630, 27.2902, 12.4600)
contains.

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Color

**XYZ(26.5348, 27.4114,
12.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	A58C55
RGB	165, 140, 85
RGB Percent	65%, 55%, 33%
CMY	0.3529, 0.4510, 0.6667
CMYK	0.00, 0.15, 0.48, 0.35
HSL	41°, 32%, 49%
HSV	41°, 48%, 65%
XYZ	26.5348, 27.4114, 12.4867
YIQ	141.2050, 32.5550, -11.8050

Conversions

Conversions Part 2

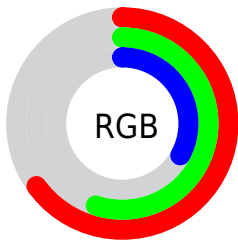
Format	Color
RYB	121, 165, 85
Decimal	10849365
CIELab	59.35, 1.99, 32.75
CIElCh	59, 32.811, 86.528
Yxy	27.4114, 0.3994, 0.4126
Android (android.graphics.Color)	4289039445 (0xFFA58C55)
YUV	141.2050, -27.7091, 20.8682
Hunter-Lab	52.3559, -1.1562, 22.5087

Details

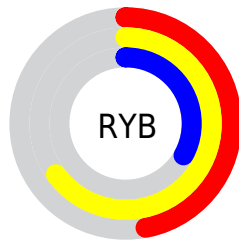
The XYZ color **26.5348, 27.4114, 12.4867** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1135, 15.7991, 37.7974**, and the grayscale version is **25.4949, 26.8226, 29.2098**.

A 20% lighter version of the original color is **53.6381, 55.4471, 31.1679**, and **10.5616, 10.8318, 3.3678** is the 20% darker color. If you saturate the color by 10%, you get **25.2187, 25.7087, 9.1825**, and if you desaturate by 10%, it is **28.0404, 29.2484, 16.6088**.

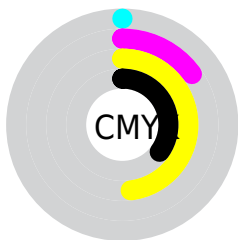
Distribution



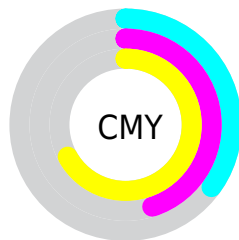
- Red (65%)
- Green (55%)
- Blue (33%)



- Red (47%)
- Yellow (65%)
- Blue (33%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5348, 27.4114, 12.4867 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 26.5348, 27.4114, 12.4867 by changing the saturation by 10% instead.

■ 26.5348, 27.4114,
12.4867

■ 26.5348, 27.4114,
12.4867

277.6064,
289.6436, 218.6923

■ 17.3589, 17.8824,
6.9495

■ 53.5616, 55.5433,
31.0560

■ 10.5876, 10.8656,
3.3526

■ 72.1433, 74.9151,
44.9252

■ 5.8555, 5.9765,
1.2774

■ 94.5910, 98.3366,
62.4089

■ 2.7972, 2.8308,
0.0431

■ 121.2700,
126.1922, 83.9255

■ 1.0475, 1.0441,
0.0000

■ 152.5456,
158.8663, 109.8936

■ 0.0000, 0.0000,
0.0000

188.7834,

196.7433, 140.7317

230.3485,
240.2076, 176.8585

■ 26.5348, 27.4114,
12.4867

■ 26.5348, 27.4114,
12.4867

■ 25.2187, 25.7087,
9.1825

■ 28.0404, 29.2484,
16.6088

■ 24.0788, 24.1312,
6.6377

■ 29.7438, 31.2208,
21.5985

■ 23.1032, 22.6743,
4.7883

■ 31.6549, 33.3342,
27.5038

■ 22.2771, 21.3314,
3.5594

■ 33.7826, 35.5929,
34.3683

■ 21.5737, 20.0909,
2.8127

■ 36.1349, 38.0009,
42.2330

■ 21.4720, 19.9094,
2.7112

■ 38.7198, 40.5619,
51.1366

■ 41.5443, 43.2796,
61.1154

■ 44.6157, 46.1575,
72.2042

■ 47.9405, 49.1988,
84.4363

Harmonies

Analogous

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



30.6556, 27.4114, 14.6783



26.5348, 27.4114, 12.4867



22.6839, 27.4114, 13.8415

Triad

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



26.5348, 27.4114, 12.4867



19.6085, 27.4114, 41.1282



33.2106, 27.4114, 44.1358

Complementary

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



26.5348, 27.4114, 12.4867



16.1135, 15.7991, 37.7974

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.



29.7418, 27.4114, 54.9945



26.5348, 27.4114, 12.4867



21.9371, 27.4114, 52.9619

Square

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



26.5348, 27.4114, 12.4867



18.9404, 27.4114, 28.4978



25.5785, 27.4114, 58.5859



34.7564, 27.4114, 31.2368

Rectangle

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



26.5348, 27.4114, 12.4867



20.7334, 27.4114, 16.8353



25.5785, 27.4114, 58.5859



32.2141, 27.4114, 48.2638

Sweetspot

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



26.5355, 27.4127, 12.4873



57.8719, 60.9689, 53.0119



21.5983, 15.6296, 16.7259



12.4907, 13.1559, 11.0749



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.5355, 27.4127, 12.4873



45.0385, 45.8731, 16.1454



27.7339, 34.0817, 13.7113



7.4619, 7.8621, 7.5043



16.2899, 15.1537, 2.0664



0.3815, 0.3968, 0.0565

Inverse Universe

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



16.1135, 15.7991, 37.7974



24.1975, 22.6800, 66.8547



15.2590, 11.9043, 37.0906



6.8726, 7.2043, 8.9314



6.0921, 3.9637, 27.3738



0.1685, 0.1643, 0.5887

Previews

White Background



This preview shows how the XYZ color 26.5348, 27.4114, 12.4867 looks on a white background.

Color Contrast Check

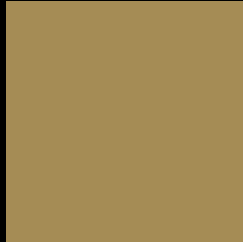
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5348, 27.4114, 12.4867 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 26.5348, 27.4114, 12.4867

Background



This preview shows how black text looks on a background with the XYZ color 26.5348, 27.4114, 12.4867.



This preview shows how white text looks on a background with the XYZ color 26.5348, 27.4114,

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

26.5348, 27.4114, 12.4867

Protanopia

25.2125, 27.3847, 12.7610

Deuteranopia

28.0809, 27.5619, 12.6440



Tritanopia

30.1400, 27.4162, 29.6899

Trichromacy



Original Color

26.5348, 27.4114, 12.4867

Protanomaly

25.6508, 27.3888, 12.7387

Deuteranomaly

27.5628, 27.5068, 12.6607

Tritanomaly

28.6792, 27.4485, 22.1989

Monochromacy



Original Color

26.5348, 27.4114, 12.4867

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5537, 26.9143, 21.9373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5348, 27.4114, 12.4867 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(165, 140, 85)` looks like.

```
.text, #text, p{  
    color:rgb(165, 140, 85)  
}
```

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(165, 140, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 140, 85) }
```

Border

The CSS property to change the border of an element to XYZ 26.5348, 27.4114, 12.4867 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(165, 140, 85) }
```


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

```
.border{ border-color:rgb(165, 140, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 140, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 140, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 140, 85);  
box-shadow:4px 4px 4px 4px rgb(165, 140,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5348, 27.4114, 12.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 140, 85) }
```

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

```
.background{ background-color: rgb(165,  
140, 85) }
```

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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