

Converting Colors

XYZ(26.0856, 24.1112, 18.6670)

Have a look what the booklet for
XYZ(26.0856, 24.1112, 18.6670)
contains.

XYZ(26.1114, 24.1986, 18.6238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.1114, 24.1986,
18.6238)**

Conversions

Conversions Part 1

Format	Color
Hex	A67E70
RGB	166, 126, 112
RGB Percent	65%, 49%, 44%
CMY	0.3490, 0.5059, 0.5608
CMYK	0.00, 0.24, 0.33, 0.35
HSL	16°, 23%, 55%
HSV	16°, 33%, 65%
XYZ	26.1114, 24.1986, 18.6238
YIQ	136.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

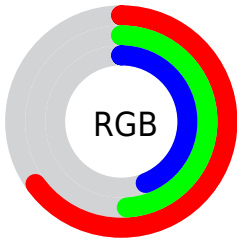
Format	Color
R_{YB}	166, 131, 112
Decimal	10911344
CIE _{Lab}	56.29, 13.46, 13.61
CIE _{LCh}	56, 19.143, 45.321
Yxy	24.1986, 0.3788, 0.3510
Android (android.graphics.Color)	4289101424 (0xFFA67E70)
YUV	136.3640, -12.0115, 25.9908
Hunter-Lab	49.1921, 8.6626, 11.9876

Details

The XYZ color **26.1114, 24.1986, 18.6238** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7929, 28.6534, 40.3004**, and the grayscale version is **23.5751, 24.8028, 27.0103**.

A 20% lighter version of the original color is **52.9451, 50.4501, 42.0693**, and **10.3893, 9.1886, 6.0765** is the 20% darker color. If you saturate the color by 10%, you get **23.7943, 20.9097, 13.7042**, and if you desaturate by 10%, it is **28.7934, 27.9445, 24.5063**.

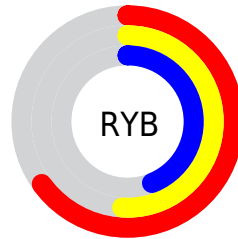
Distribution



Red (65%)

Green (49%)

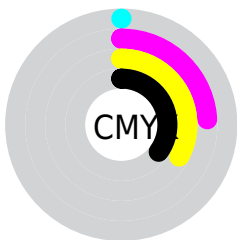
Blue (44%)



Red (65%)

Yellow (51%)

Blue (44%)

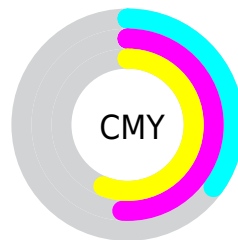


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1114, 24.1986, 18.6238 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 26.1114, 24.1986, 18.6238 by changing the saturation by 10% instead.

■ 26.1114, 24.1986,
18.6238

■ 26.1114, 24.1986,
18.6238

275.5752,
273.8230, 256.7171

■ 17.0401, 15.4810,
11.2247

■ 52.8846, 50.3541,
41.9256

■ 10.3586, 9.1577,
6.1021

■ 71.3173, 68.5608,
58.6655

■ 5.7014, 4.8442,
2.8375

■ 93.6011, 90.6993,
79.3559

■ 2.7033, 2.1561,
1.0123

■ 120.1015,
117.1540, 104.4156

■ 0.9989, 0.6959,
0.0000

151.1837,
148.3094, 134.2630

■ 0.0000, 0.0000,
0.0000

187.2131,

184.5497, 169.3167

228.5552,
226.2595, 209.9952

■ 26.1114, 24.1986,
18.6238

■ 26.1114, 24.1986,
18.6238

■ 23.7943, 20.9097,
13.7042

■ 28.7934, 27.9445,
24.5063

■ 21.8240, 18.0566,
9.6942

■ 31.8538, 32.1606,
31.3981

■ 20.1832, 15.6216,
6.5379


■ 35.3075, 36.8639,
39.3443


■ 18.8528, 13.5843,
4.1721


■ 39.1682, 42.0696,
48.3868


■ 17.8110, 11.9224,
2.5250


■ 43.4488, 47.7920,
58.5652


 17.0332, 10.6114,
1.5113

 48.1616, 54.0450,
69.9172

 16.5916, 9.8383,
1.0245

 53.3186, 60.8420,
82.4787

 58.9311, 68.1956,
96.2842

 63.9621, 75.6993,
105.8480

Harmonies

Analogous

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



27.3357, 24.1986, 23.2686



26.1114, 24.1986, 18.6238



24.0911, 24.1986, 16.2622

Triad

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



26.1114, 24.1986, 18.6238



19.1381, 24.1986, 23.3899



24.1385, 24.1986, 39.8778

Complementary

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



26.1114, 24.1986, 18.6238



24.7929, 28.6534, 40.3004

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.



21.9425, 24.1986, 39.9242



26.1114, 24.1986, 18.6238



19.1490, 24.1986, 29.6881

Square

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



26.1114, 24.1986, 18.6238



20.1155, 24.1986, 18.7003



20.1462, 24.1986, 35.9582



26.1480, 24.1986, 35.8399

Rectangle

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



26.1114, 24.1986, 18.6238



22.6091, 24.1986, 16.0141



20.1462, 24.1986, 35.9582



23.3954, 24.1986, 40.3797

Sweetspot

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



26.1120, 24.1997, 18.6243



59.2156, 60.2886, 60.1901



27.2288, 21.9790, 32.7283



13.0690, 13.2422, 13.0527



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.



26.1120, 24.1997, 18.6243



44.2993, 39.5425, 27.2055



29.9602, 31.8961, 19.9070



7.6834, 7.8469, 7.8989



12.8992, 7.6956, 0.8055



0.3541, 0.2678, 0.0330

Inverse Universe

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



24.7929, 28.6534, 40.3004



41.5183, 48.8732, 72.7205



20.9623, 20.9923, 39.0236



7.5805, 8.1978, 9.6011



10.8644, 13.1890, 29.9486



0.3022, 0.3967, 0.7413

Previews

White Background



This preview shows how the XYZ color 26.1114, 24.1986, 18.6238 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 26.1114, 24.1986, 18.6238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

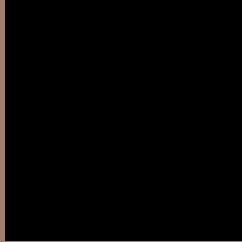
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1114, 24.1986, 18.6238

Background



This preview shows how black text looks on a background with the XYZ color 26.1114, 24.1986, 18.6238.



This preview shows how white text looks on a background with the XYZ color 26.1114, 24.1986,

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

26.1114, 24.1986, 18.6238

Protanopia

22.9717, 24.3397, 20.0103

Deuteranopia

24.7565, 24.2811, 18.4208



Tritanopia

27.3963, 24.1567, 25.0486

Trichromacy



Original Color

26.1114, 24.1986, 18.6238

Protanomaly

24.1083, 24.3196, 19.6432

Deuteranomaly

25.2167, 24.3218, 18.4044

Tritanomaly

26.8457, 24.1115, 22.6411

Monochromacy



Original Color

26.1114, 24.1986, 18.6238

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1147, 24.2379, 23.4861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1114, 24.1986, 18.6238 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(166, 126, 112)` looks like.

```
.text, #text, p{  
    color:rgb(166, 126, 112)  
}
```

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(166, 126, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 126, 112) }
```

Border

The CSS property to change the border of an element to XYZ 26.1114, 24.1986, 18.6238 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(166, 126, 112) }
```


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

```
.border{ border-color:rgb(166, 126, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 126, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 126, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 126, 112);  
box-shadow:4px 4px 4px 4px rgb(166, 126,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1114, 24.1986, 18.6238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 126, 112) }
```

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

```
.background{ background-color: rgb(166,  
126, 112) }
```

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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