

Converting Colors

XYZ(26.2406, 24.4476, 18.7710)

Have a look what the booklet for
XYZ(26.2406, 24.4476, 18.7710)
contains.

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Color

**XYZ(26.2399, 24.4556,
18.6666)**

Conversions

Conversions Part 1

Format	Color
Hex	A67F70
RGB	166, 127, 112
RGB Percent	65%, 50%, 44%
CMY	0.3490, 0.5019, 0.5608
CMYK	0.00, 0.23, 0.33, 0.35
HSL	17°, 23%, 55%
HSV	17°, 33%, 65%
XYZ	26.2399, 24.4556, 18.6666
YIQ	136.9510, 28.0590, 3.6030

Conversions

Conversions Part 2

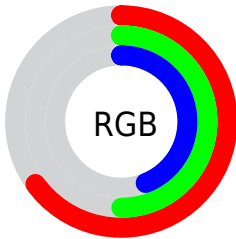
Format	Color
R_{YB}	166, 133, 112
Decimal	10911600
CIE _{Lab}	56.54, 12.89, 13.97
CIE _{LCh}	57, 19.008, 47.288
Yxy	24.4556, 0.3783, 0.3526
Android (android.graphics.Color)	4289101680 (0xFFA67F70)
YUV	136.9510, -12.3008, 25.4760
Hunter-Lab	49.4526, 8.1713, 12.2370

Details

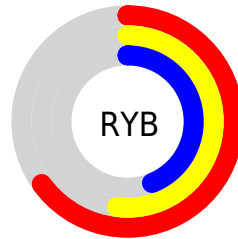
The XYZ color **26.2399, 24.4556, 18.6666** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6312, 28.3302, 40.2466**, and the grayscale version is **23.7975, 25.0368, 27.2651**.

A 20% lighter version of the original color is **53.1463, 50.8524, 42.1364**, and **10.4599, 9.3297, 6.1000** is the 20% darker color. If you saturate the color by 10%, you get **23.9424, 21.2058, 13.7535**, and if you desaturate by 10%, it is **28.8934, 28.1444, 24.5396**.

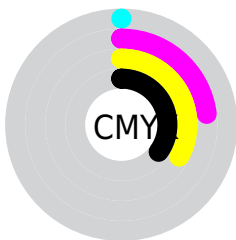
Distribution



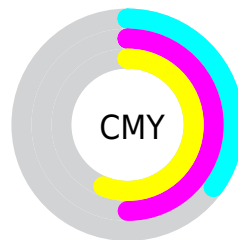
- Red (65%)
- Green (50%)
- Blue (44%)



- Red (65%)
- Yellow (52%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2399, 24.4556, 18.6666 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 26.2399, 24.4556, 18.6666 by changing the saturation by 10% instead.


 26.2399, 24.4556,
18.6666


 26.2399, 24.4556,
18.6666

276.1929,
275.1158, 256.9631


 17.1368, 15.6719,
11.2553


 53.0903, 50.7727,
41.9991


 10.4280, 9.2923,
6.1225


 71.5682, 69.0748,
58.7574

 5.7481, 4.9323,
2.8497

 93.9019, 91.3186,
79.4684

 2.7317, 2.2076,
1.0184

 120.4566,
117.8885, 104.5506

 1.0135, 0.7241,
0.0000

151.5977,
149.1687, 134.4227

 0.0000, 0.0000,
0.0000

187.6906,

185.5437, 169.5031

229.1005,
227.3980, 210.2104

■ 26.2399, 24.4556,
18.6666

■ 26.2399, 24.4556,
18.6666

■ 23.9424, 21.2058,
13.7535

■ 28.8934, 28.1444,
24.5396

■ 21.9831, 18.3748,
9.7473

■ 31.9157, 32.2843,
31.4187

■ 20.3455, 15.9462,
6.5920


■ 35.3213, 36.8915,
39.3489


■ 19.0111, 13.9008,
4.2248


■ 39.1235, 41.9801,
48.3718


■ 17.9588, 12.2178,
2.5742


■ 43.3347, 47.5638,
58.5271


 17.1646, 10.8743,
1.5551

 47.9669, 53.6555,
69.8522

 16.7077, 10.0706,
1.0632

 53.0316, 60.2678,
82.3830

 58.5397, 67.4129,
96.1537

 63.4540, 74.6832,
105.6787

Harmonies

Analogous

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



27.5313, 24.4556, 23.1806



26.2399, 24.4556, 18.6666



24.1896, 24.4556, 16.4541

Triad

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



26.2399, 24.4556, 18.6666



19.3495, 24.4556, 24.0449



24.5270, 24.4556, 39.9833

Complementary

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



26.2399, 24.4556, 18.6666



24.6312, 28.3302, 40.2466

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.



22.3240, 24.4556, 40.3132



26.2399, 24.4556, 18.6666



19.4272, 24.4556, 30.4013

Square

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



26.2399, 24.4556, 18.6666



20.2666, 24.4556, 19.2128



20.4859, 24.4556, 36.5816



26.5003, 24.4556, 35.7410

Rectangle

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



26.2399, 24.4556, 18.6666



22.7107, 24.4556, 16.3099



20.4859, 24.4556, 36.5816



23.7862, 24.4556, 40.5768

Sweetspot

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



26.2405, 24.4567, 18.6671



59.3092, 60.4756, 60.2213



27.1550, 21.9495, 32.3399



13.0924, 13.2889, 13.0604



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.



26.2405, 24.4567, 18.6671



44.5597, 40.0632, 27.2923



30.1075, 32.1906, 19.9561



7.6945, 7.8690, 7.9026



12.9908, 7.8789, 0.8361



0.3582, 0.2760, 0.0344

Inverse Universe

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



24.6312, 28.3302, 40.2466



41.1698, 48.1762, 72.6043



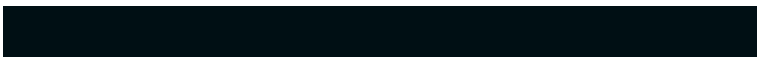
20.8483, 20.7643, 38.9856



7.5687, 8.1744, 9.5972



10.5750, 12.6101, 29.8521



0.2969, 0.3861, 0.7395

Previews

White Background



This preview shows how the XYZ color 26.2399, 24.4556, 18.6666 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 26.2399, 24.4556, 18.6666 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 26.2399, 24.4556, 18.6666

Background



This preview shows how black text looks on a background with the XYZ color 26.2399, 24.4556, 18.6666.



This preview shows how white text looks on a background with the XYZ color 26.2399, 24.4556,

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

26.2399, 24.4556, 18.6666

Protanopia

23.2842, 24.7089, 20.0651

Deuteranopia

24.8902, 24.5484, 18.4654



Tritanopia

27.5897, 24.4336, 25.4523

Trichromacy



Original Color

26.2399, 24.4556, 18.6666

Protanomaly

24.2445, 24.5922, 19.6886

Deuteranomaly

25.3491, 24.5865, 18.4486

Tritanomaly

26.9716, 24.3634, 22.6831

Monochromacy



Original Color

26.2399, 24.4556, 18.6666

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4966, 24.6295, 23.8849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2399, 24.4556, 18.6666 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, 127, 112)` looks like.

```
.text, #text, p{  
    color:rgb(166, 127, 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, 127, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 127, 112) }
```

Border

The CSS property to change the border of an element to XYZ 26.2399, 24.4556, 18.6666 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, 127, 112) }
```


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

```
.border{ border-color:rgb(166, 127, 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, 127, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 127, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 127, 112);  
box-shadow:4px 4px 4px 4px rgb(166, 127,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2399, 24.4556, 18.6666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 127, 112) }
```

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

```
.background{ background-color: rgb(166,  
127, 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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