

Converting Colors

XYZ(18.4265, 26.1244, 17.0145)

Have a look what the booklet for
XYZ(18.4265, 26.1244, 17.0145)
contains.

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Color

**XYZ(18.4555, 26.1414,
16.9051)**

Conversions

Conversions Part 1	
Format	Color
Hex	5E9967
RGB	94, 153, 103
RGB Percent	37%, 60%, 40%
CMY	0.6314, 0.4000, 0.5961
CMYK	0.39, 0.00, 0.33, 0.40
HSL	129°, 24%, 48%
HSV	129°, 39%, 60%
XYZ	18.4555, 26.1414, 16.9051
YIQ	129.6590, -19.1140, -28.0580

Conversions

Conversions Part 2

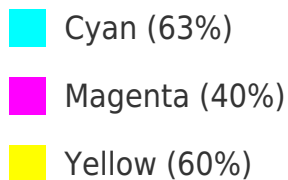
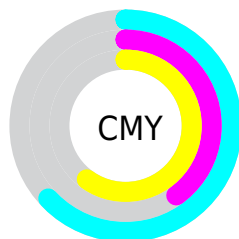
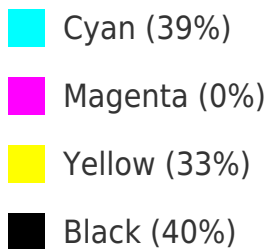
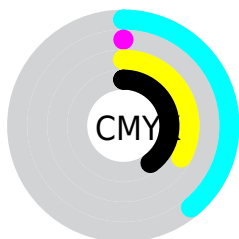
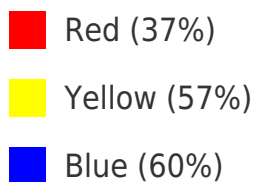
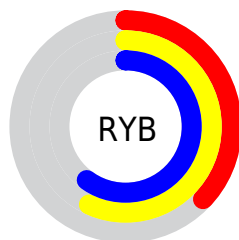
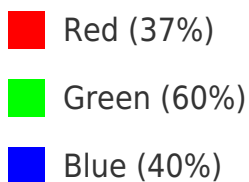
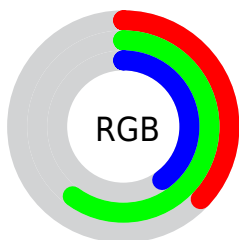
Format	Color
RYB	94, 145, 153
Decimal	6199655
CIELab	58.17, -30.17, 20.39
CIELCh	58, 36.412, 145.950
Yxy	26.1414, 0.3001, 0.4250
Android (android.graphics.Color)	4284389735 (0xFF5E9967)
YUV	129.6590, -13.1429, -31.2729
Hunter-Lab	51.1287, -25.0435, 16.1865

Details

The XYZ color **18.4555, 26.1414, 16.9051** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1744, 16.7918, 28.4588**, and the grayscale version is **21.1480, 22.2493, 24.2295**.

A 20% lighter version of the original color is **40.4212, 53.6479, 38.7965**, and **6.3395, 10.0968, 5.2292** is the 20% darker color. If you saturate the color by 10%, you get **16.4383, 25.1717, 13.6730**, and if you desaturate by 10%, it is **20.8860, 27.3140, 20.6845**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4555, 26.1414, 16.9051 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 18.4555, 26.1414, 16.9051 by changing the saturation by 10% instead.


 18.4555, 26.1414,
16.9051


 18.4555, 26.1414,
16.9051


236.4223,
283.4755, 246.6503


 11.3792, 16.9295,
10.0056


 40.3360, 53.5030,
38.9510


 6.3916, 10.1842,
5.2970


 55.8709, 72.4214,
54.9344

 3.1276, 5.5213,
2.3608


 74.9560, 95.3441,
74.7829

 1.2216, 2.5562,
0.7650

 97.9567, 122.6554,
98.9150

 0.1233, 0.9047,
0.0000


125.2383,
154.7399, 127.7493


 0.0000, 0.0000,
0.0000


157.1662,


191.9818, 161.7042


194.1058,
234.7655, 201.1984


 18.4555, 26.1414,
16.9051


 18.4555, 26.1414,
16.9051


 16.4383, 25.1717,
13.6730


 20.8860, 27.3140,
20.6845


 14.8093, 24.3902,
10.9613


 23.7492, 28.6967,
25.0332


 13.5437, 23.7856,
8.7431


 27.0654, 30.3004,
29.9740


 12.6131, 23.3437,
6.9888


 30.8533, 32.1341,
35.5280


 11.9845, 23.0483,
5.6653


 35.1304, 34.2065,
41.7151


 11.5969, 22.8687,
4.7342

 39.9134, 36.5258,
48.5545

 11.5498, 22.8467,
4.6298

 45.2181, 39.0997,
56.0645

 51.0596, 41.9358,
64.2628

 57.4525, 45.0410,
73.1661

Harmonies

Analogous

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



21.3138, 26.1414, 11.7210



18.4555, 26.1414, 16.9051



17.3039, 26.1414, 26.7807

Triad

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



18.4555, 26.1414, 16.9051



24.2518, 26.1414, 60.2566



33.2886, 26.1414, 19.0948

Complementary

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



18.4555, 26.1414, 16.9051



22.1744, 16.7918, 28.4588

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.



34.3135, 26.1414, 30.2154



18.4555, 26.1414, 16.9051



28.7498, 26.1414, 56.4004

Square

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



18.4555, 26.1414, 16.9051



20.3899, 26.1414, 53.7346



32.5653, 26.1414, 44.3626



29.9096, 26.1414, 12.6974

Rectangle

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



18.4555, 26.1414, 16.9051



17.5452, 26.1414, 35.6813



32.5653, 26.1414, 44.3626



33.9358, 26.1414, 22.2914

Sweetspot

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



18.4562, 26.1425, 16.9057



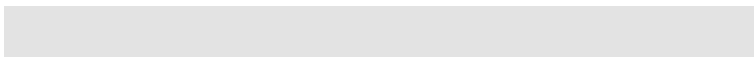
46.1905, 53.1600, 50.3011



24.9404, 29.5347, 14.9761



10.0460, 11.6641, 10.8788



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.4562, 26.1425, 16.9057



29.9863, 45.3413, 25.3776



20.1969, 26.8388, 26.0723



6.1687, 6.9402, 6.8116



9.5537, 18.8849, 3.8705



0.1514, 0.2858, 0.1030

Inverse Universe

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



22.1744, 16.7918, 28.4588



37.5777, 26.2290, 48.9492



20.2147, 16.0080, 18.1392



6.4207, 6.3074, 7.5956



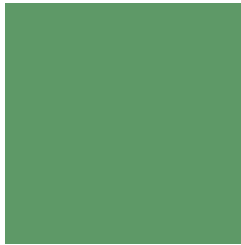
14.1784, 6.9256, 17.9965



0.2216, 0.1074, 0.3198

Previews

White Background



This preview shows how the XYZ color 18.4555, 26.1414, 16.9051 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 18.4555, 26.1414, 16.9051 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 18.4555, 26.1414, 16.9051

Background



This preview shows how black text looks on a background with the XYZ color 18.4555, 26.1414, 16.9051.



This preview shows how white text looks on a background with the XYZ color 18.4555, 26.1414,

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

18.4555, 26.1414, 16.9051

Protanopia

23.9680, 25.8123, 15.0283

Deuteranopia

26.2832, 25.8983, 17.5235



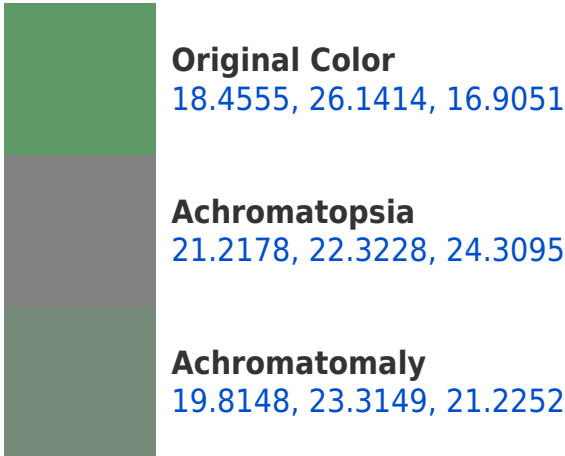
Tritanopia

22.2761, 26.0296, 36.1979

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4555, 26.1414, 16.9051 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(94, 153, 103)` looks like.

```
.text, #text, p{  
    color:rgb(94, 153, 103)  
}
```

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(94, 153, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 153, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.4555, 26.1414, 16.9051 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(94, 153, 103) }
```


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

```
.border{ border-color:rgb(94, 153, 103) }
```

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

Here you see how a box with a 4 pixel rgb(94, 153, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 153, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 153, 103);  
box-shadow:4px 4px 4px 4px rgb(94, 153,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4555, 26.1414, 16.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 153, 103) }
```

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

```
.background{ background-color: rgb(94, 153,  
103) }
```

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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