

Converting Colors

XYZ(16.9353, 24.1686, 17.7098)

Have a look what the booklet for
XYZ(16.9353, 24.1686, 17.7098)
contains.

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Color

**XYZ(16.8999, 24.1262,
17.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	54946B
RGB	84, 148, 107
RGB Percent	33%, 58%, 42%
CMY	0.6706, 0.4196, 0.5804
CMYK	0.43, 0.00, 0.28, 0.42
HSL	142°, 28%, 45%
HSV	142°, 43%, 58%
XYZ	16.8999, 24.1262, 17.6760
YIQ	124.1900, -24.9830, -26.3190

Conversions

Conversions Part 2

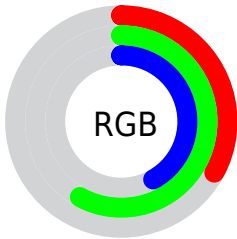
Format	Color
R_{YB}	84, 131, 148
Decimal	5543019
CIE _{Lab}	56.21, -30.11, 15.40
CIE _{LCh}	56, 33.819, 152.905
Yxy	24.1262, 0.2879, 0.4110
Android (android.graphics.Color)	4283733099 (0xFF54946B)
YUV	124.1900, -8.4747, -35.2466
Hunter-Lab	49.1184, -24.5418, 13.0465

Details

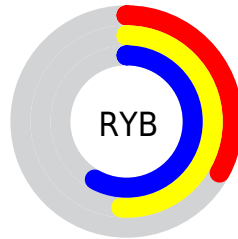
The XYZ color **16.8999, 24.1262, 17.6760** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.0855, 14.1177, 21.1220**, and the grayscale version is **19.2554, 20.2582, 22.0612**.

A 20% lighter version of the original color is **37.6951, 50.0626, 40.4772**, and **5.6598, 9.1722, 5.6098** is the 20% darker color. If you saturate the color by 10%, you get **15.2409, 23.3261, 15.1359**, and if you desaturate by 10%, it is **18.8948, 25.0945, 20.5185**.

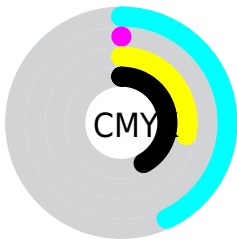
Distribution



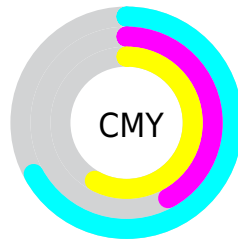
- Red (33%)
- Green (58%)
- Blue (42%)



- Red (33%)
- Yellow (51%)
- Blue (58%)



- Cyan (43%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8999, 24.1262, 17.6760 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 16.8999, 24.1262, 17.6760 by changing the saturation by 10% instead.

■ 16.8999, 24.1262,
17.6760

■ 16.8999, 24.1262,
17.6760

227.7624,
273.4579, 251.2129

■ 10.2580, 15.4273,
10.5506

■ 37.6986, 50.2361,
40.2909

■ 5.6339, 9.1198,
5.6552

■ 52.5860, 68.4158,
56.6175

■ 2.6623, 4.8194,
2.5712

■ 70.9528, 90.5245,
76.8482

■ 0.9778, 2.1417,
0.8775

■ 93.1641, 116.9467,
101.4016

■ 0.0000, 0.6879,
0.0000

■ 119.5853,
148.0668, 130.6963

■ 0.0000, 0.0000,
0.0000

150.5819,

184.2691, 165.1507

186.5191,
225.9380, 205.1834

■ 16.8999, 24.1262,
17.6760

■ 16.8999, 24.1262,
17.6760

■ 15.2409, 23.3261,
15.1359

■ 18.8948, 25.0945,
20.5185

■ 13.8963, 22.6814,
12.8864

■ 21.2417, 26.2370,
23.6713

■ 12.8452, 22.1820,
10.9174


■ 23.9577, 27.5630,
27.1441


■ 12.0629, 21.8155,
9.2175


■ 27.0584, 29.0806,
30.9457


■ 11.5205, 21.5673,
7.7746


■ 30.5583, 30.7969,
35.0846

 11.2373, 21.4395,
6.9368

 34.4713, 32.7189,
39.5687

 38.8107, 34.8533,
44.4060

 43.5888, 37.2065,
49.6041

 48.8179, 39.7844,
55.1703

Harmonies

Analogous

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



19.1056, 24.1262, 12.0842



16.8999, 24.1262, 17.6760



16.2471, 24.1262, 27.3694

Triad

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



16.8999, 24.1262, 17.6760



23.3122, 24.1262, 53.9723



29.7964, 24.1262, 16.2718

Complementary

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



16.8999, 24.1262, 17.6760



19.0855, 14.1177, 21.1220

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.



31.2355, 24.1262, 25.1992



16.8999, 24.1262, 17.6760



27.2362, 24.1262, 48.6516

Square

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



16.8999, 24.1262, 17.6760



19.6926, 24.1262, 50.3064



30.2498, 24.1262, 37.2751



26.5068, 24.1262, 11.4490

Rectangle

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



16.8999, 24.1262, 17.6760



16.7122, 24.1262, 35.5128



30.2498, 24.1262, 37.2751



30.5284, 24.1262, 18.7875

Sweetspot

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



16.9005, 24.1272, 17.6765



42.2622, 48.6275, 47.8822



20.7363, 26.2263, 12.3570



9.4118, 10.9854, 10.6342



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.9005, 24.1272, 17.6765



26.9451, 41.1822, 26.7922



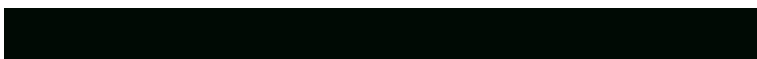
18.8633, 24.9123, 28.0123



5.8106, 6.5008, 6.6134



9.6102, 18.3169, 5.9887



0.1308, 0.2295, 0.1427

Inverse Universe

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



19.0855, 14.1177, 21.1220



31.3180, 21.1123, 33.6602



17.3862, 13.4380, 12.1735



5.9477, 5.8742, 6.8309



12.2020, 6.0859, 9.8108



0.1635, 0.0801, 0.1945

Previews

White Background



This preview shows how the XYZ color 16.8999, 24.1262, 17.6760 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 16.8999, 24.1262, 17.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

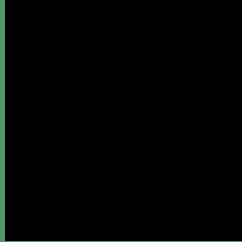
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.8999, 24.1262, 17.6760

Background



This preview shows how black text looks on a background with the XYZ color 16.8999, 24.1262, 17.6760.



This preview shows how white text looks on a background with the XYZ color 16.8999, 24.1262,

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

16.8999, 24.1262, 17.6760

Protanopia

22.3757, 23.9191, 15.7494

Deuteranopia

24.2371, 23.8168, 18.3586



Tritanopia

20.1421, 24.0788, 33.7231

Trichromacy



Original Color

16.8999, 24.1262, 17.6760

Protanomaly

19.7068, 23.5821, 16.3451

Deuteranomaly

20.6719, 23.4012, 18.1792

Tritanomaly

18.7316, 23.9482, 26.9278

Monochromacy



Original Color

16.8999, 24.1262, 17.6760

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.9642, 21.3343, 20.3107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8999, 24.1262, 17.6760 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(84, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(84, 148, 107)  
}
```

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(84, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 148, 107) }
```

Border

The CSS property to change the border of an element to XYZ 16.8999, 24.1262, 17.6760 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(84, 148, 107) }
```


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

```
.border{ border-color:rgb(84, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(84, 148,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8999, 24.1262, 17.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 148, 107) }
```

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

```
.background{ background-color: rgb(84, 148,  
107) }
```

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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