

Converting Colors

XYZ(9.8900, 17.4809, 6.1501)

Have a look what the booklet for
XYZ(9.8900, 17.4809, 6.1501)
contains.

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Color

**XYZ(9.8824, 17.4741,
6.1008)**

Conversions

Conversions Part 1

Format	Color
Hex	288534
RGB	40, 133, 52
RGB Percent	16%, 52%, 20%
CMY	0.8431, 0.4784, 0.7961
CMYK	0.70, 0.00, 0.61, 0.48
HSL	128°, 54%, 34%
HSV	128°, 70%, 52%
XYZ	9.8824, 17.4741, 6.1008
YIQ	95.9590, -29.4270, -44.9070

Conversions

Conversions Part 2

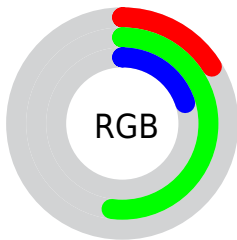
Format	Color
R_{YB}	40, 122, 133
Decimal	2655540
CIE Lab	48.85, -44.42, 35.28
CIE LCh	49, 56.728, 141.540
Yxy	17.4741, 0.2954, 0.5223
Android (android.graphics.Color)	4280845620 (0xFF288534)
YUV	95.9590, -21.6718, -49.0760
Hunter-Lab	41.8020, -30.9545, 20.6083

Details

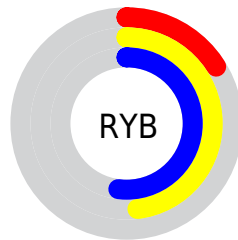
The XYZ color **9.8824, 17.4741, 6.1008** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **13.8832, 7.8848, 18.8793**, and the grayscale version is **11.1646, 11.7460, 12.7914**.

A 20% lighter version of the original color is **25.1563, 39.0769, 18.5286**, and **3.0228, 6.0368, 1.0346** is the 20% darker color. If you saturate the color by 10%, you get **9.2221, 17.1608, 4.8713**, and if you desaturate by 10%, it is **10.7856, 17.9063, 7.6768**.

Distribution



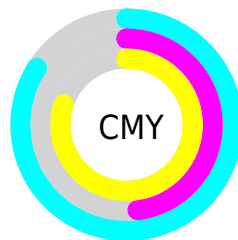
- Red (16%)
- Green (52%)
- Blue (20%)



- Red (16%)
- Yellow (48%)
- Blue (52%)



- Cyan (70%)
- Magenta (0%)
- Yellow (61%)
- Black (48%)





- Cyan (84%)
- Magenta (48%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.8824, 17.4741, 6.1008 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 9.8824, 17.4741, 6.1008 by changing the saturation by 10% instead.


 9.8824, 17.4741,
6.1008


 9.8824, 17.4741,
6.1008

183.9019,
237.8899, 169.3046


 5.3827, 10.5731,
2.8367


 25.2258, 39.1391,
18.6210


 2.5106, 5.7806,
1.0119

 36.8002, 54.6720,
28.7142


 0.9006, 2.7121,
0.0000

 51.4635, 73.8508,
41.9209

 0.0000, 0.9833,
0.0000

 69.5811, 97.0602,
58.6595

 0.0000, 0.0000,
0.0000

 91.5184, 124.6843,
79.3486

 117.6408,

157.1077, 104.4069

148.3135,
194.7148, 134.2527

■ 9.8824, 17.4741,
6.1008

■ 9.8824, 17.4741,
6.1008

■ 9.2221, 17.1608,
4.8713

■ 10.7856, 17.9063,
7.6768

■ 8.7795, 16.9523,
3.9611

■ 11.9511, 18.4653,
9.6214

■ 8.4923, 16.8177,
3.3392

■ 13.3980, 19.1610,
11.9564

■ 8.4904, 16.8168,
3.3356

■ 15.1430, 20.0016,
14.7016

■ 17.2016, 20.9948,
17.8751

■ 19.5883, 22.1475,
21.4944

■ 22.3165, 23.4665,
25.5757

■ 25.3991, 24.9579,
30.1345

■ 28.8480, 26.6276,
35.1855

Harmonies

Analogous

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



13.1658, 17.4741, 2.8021



9.8824, 17.4741, 6.1008



8.4804, 17.4741, 15.0763

Triad

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



9.8824, 17.4741, 6.1008



15.1651, 17.4741, 64.4480



27.9009, 17.4741, 10.2515

Complementary

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



9.8824, 17.4741, 6.1008



13.8832, 7.8848, 18.8793

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.



28.7520, 17.4741, 23.6123



9.8824, 17.4741, 6.1008



20.6046, 17.4741, 60.6731

Square

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



9.8824, 17.4741, 6.1008



11.0800, 17.4741, 51.9036



25.8512, 17.4741, 43.3185



23.7247, 17.4741, 4.1660

Rectangle

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



9.8824, 17.4741, 6.1008



8.5409, 17.4741, 25.4277



25.8512, 17.4741, 43.3185



28.6161, 17.4741, 13.8010

Sweetspot

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



9.8828, 17.4748, 6.1012



30.1935, 37.3015, 31.0761



16.8185, 21.0777, 5.1894



6.6036, 8.3078, 6.6960



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



9.8828, 17.4748, 6.1012



15.9962, 30.4856, 7.6824



11.4370, 18.0965, 14.2855



4.6390, 5.2138, 5.1101



8.0888, 16.0184, 3.1870



0.0295, 0.0561, 0.0187

Inverse Universe

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



13.8832, 7.8848, 18.8793



23.6144, 12.1015, 31.9265



11.7244, 7.0213, 7.5113



4.8327, 4.7528, 5.7314



12.2092, 5.9480, 16.2060



0.0441, 0.0213, 0.0656

Previews

White Background



This preview shows how the XYZ color 9.8824, 17.4741, 6.1008 looks on a white background.

Color Contrast Check

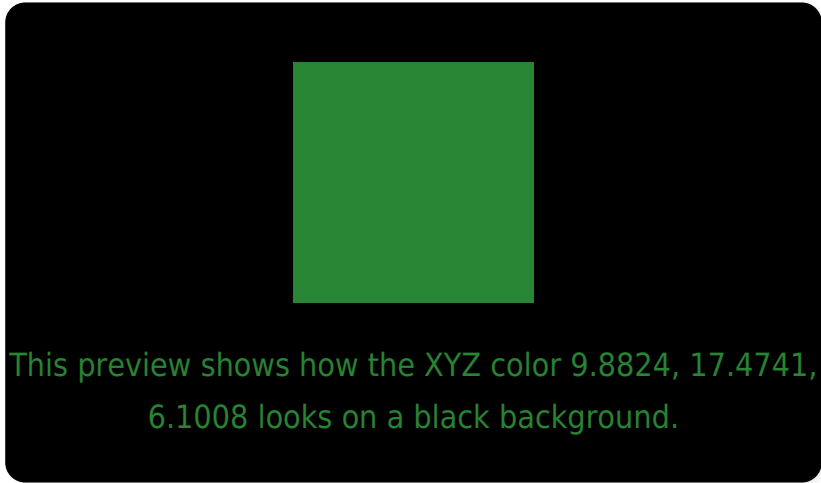
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 9.8824, 17.4741, 6.1008

Background



This preview shows how black text looks on a background with the XYZ color 9.8824, 17.4741, 6.1008.



This preview shows how white text looks on a background with the XYZ color 9.8824, 17.4741,

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

9.8824, 17.4741, 6.1008

Protanopia

15.6606, 17.2852, 5.2003

Deuteranopia

17.5207, 17.2184, 6.5377



Tritanopia

13.8868, 17.5403, 25.5754

Trichromacy



Original Color

9.8824, 17.4741, 6.1008

Protanomaly

12.3378, 16.6276, 5.4649

Deuteranomaly

13.0179, 16.2456, 6.1910

Tritanomaly

11.8999, 17.2990, 16.0765

Monochromacy



Original Color

9.8824, 17.4741, 6.1008

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

9.8971, 13.0530, 9.5873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.8824, 17.4741, 6.1008 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(40, 133, 52)` looks like.

```
.text, #text, p{  
    color:rgb(40, 133, 52)  
}
```

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(40, 133, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 133, 52) }
```

Border

The CSS property to change the border of an element to XYZ 9.8824, 17.4741, 6.1008 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(40, 133, 52) }
```


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

```
.border{ border-color:rgb(40, 133, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 133, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 133, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 133, 52);  
box-shadow:4px 4px 4px 4px rgb(40, 133,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 9.8824, 17.4741, 6.1008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 133, 52) }
```

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

```
.background{ background-color: rgb(40, 133,  
52) }
```

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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