

Converting Colors

XYZ(19.6512, 24.7286, 4.3235)

Have a look what the booklet for
XYZ(19.6512, 24.7286, 4.3235)
contains.

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Color

**XYZ(19.6045, 24.6751,
4.3018)**

Conversions

Conversions Part 1

Format	Color
Hex	858F12
RGB	133, 143, 18
RGB Percent	52%, 56%, 7%
CMY	0.4784, 0.4392, 0.9294
CMYK	0.07, 0.00, 0.87, 0.44
HSL	65°, 78%, 32%
HSV	65°, 87%, 56%
XYZ	19.6045, 24.6751, 4.3018
YIQ	125.7600, 34.1650, -40.9950

Conversions

Conversions Part 2

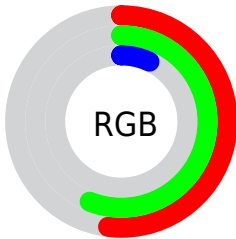
Format	Color
R_{YB}	18, 143, 28
Decimal	8752914
CIE _{Lab}	56.76, -18.19, 57.33
CIE _{LCh}	57, 60.142, 107.603
Yxy	24.6751, 0.4035, 0.5079
Android (android.graphics.Color)	4286942994 (0xFF858F12)
YUV	125.7600, -53.1257, 6.3495
Hunter-Lab	49.6740, -16.4822, 29.6373

Details

The XYZ color **19.6045, 24.6751, 4.3018** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.6539, 2.6632, 26.2041**, and the grayscale version is **19.9170, 20.9543, 22.8192**.

A 20% lighter version of the original color is **42.2921, 51.2871, 14.6916**, and **7.1388, 9.4910, 1.4557** is the 20% darker color. If you saturate the color by 10%, you get **19.3364, 24.5480, 3.8256**, and if you desaturate by 10%, it is **19.9424, 24.8322, 5.1306**.

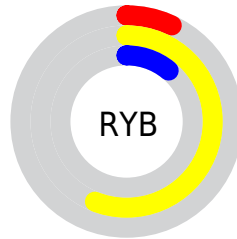
Distribution



Red (52%)

Green (56%)

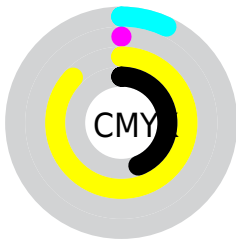
Blue (7%)



Red (7%)

Yellow (56%)

Blue (11%)

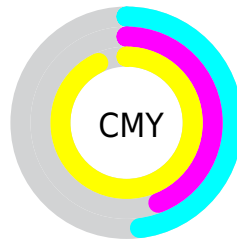


Cyan (7%)

Magenta (0%)

Yellow (87%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6045, 24.6751, 4.3018 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 19.6045, 24.6751, 4.3018 by changing the saturation by 10% instead.

■ 19.6045, 24.6751,
4.3018

■ 19.6045, 24.6751,
4.3018

242.6405,
276.2160, 151.5230

■ 12.2145, 15.8352,
1.7923

■ 42.2621, 51.1296,
14.7000

■ 6.9632, 9.4076,
0.4229

■ 58.2604, 69.5130,
23.4259

■ 3.4852, 5.0080,
0.0000

■ 77.8589, 91.8464,
35.0609

■ 1.4152, 2.2519,
0.0000

■ 101.4228,
118.5141, 50.0237

■ 0.2670, 0.7481,
0.0000

■ 129.3176,
149.9005, 68.7327

■ 0.0000, 0.0000,
0.0000

■ 161.9085,

186.3900, 91.6066

199.5611,
228.3671, 119.0639

19.6045, 24.6751,
4.3018

19.6045, 24.6751,
4.3018

19.3364, 24.5480,
3.8256

19.9424, 24.8322,
5.1306

19.2698, 24.5160,
3.7164

20.3664, 25.0230,
6.4046

20.8867, 25.2526,
8.1755

21.5117, 25.5242,
10.4872

22.2488, 25.8410,
13.3790

■ 23.1049, 26.2055,
16.8867

■ 24.0861, 26.6204,
21.0428

■ 25.1982, 27.0878,
25.8780

■ 26.4466, 27.6101,
31.4206

Harmonies

Analogous

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



26.4706, 24.6751, 4.0395



19.6045, 24.6751, 4.3018



14.8331, 24.6751, 8.3267

Triad

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



19.6045, 24.6751, 4.3018



15.4808, 24.6751, 66.7008



39.2538, 24.6751, 36.0463

Complementary

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



19.6045, 24.6751, 4.3018



5.6539, 2.6632, 26.2041

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.



34.8952, 24.6751, 62.2532



19.6045, 24.6751, 4.3018



20.6738, 24.6751, 85.0404

Square

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



19.6045, 24.6751, 4.3018



12.7994, 24.6751, 40.3296



27.7747, 24.6751, 83.0971



38.8084, 24.6751, 16.7932

Rectangle

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



19.6045, 24.6751, 4.3018



13.0590, 24.6751, 14.6690



27.7747, 24.6751, 83.0971



38.2708, 24.6751, 44.4444

Sweetspot

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



19.6051, 24.6762, 4.3023



41.5167, 46.9876, 30.8317



11.8146, 6.6377, 1.2311



9.4055, 10.7264, 6.5911



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.6051, 24.6762, 4.3023



34.4399, 43.8672, 6.6520



12.6177, 21.0741, 3.9753



5.7976, 6.2638, 5.7928



17.0453, 21.6798, 3.2862



0.1711, 0.2115, 0.0318

Inverse Universe

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



5.6539, 2.6632, 26.2041



9.0742, 3.6523, 46.7647



9.2790, 4.5320, 26.3738



5.1671, 5.2743, 6.7745



4.5193, 1.8234, 23.0908



0.0496, 0.0207, 0.2211

Previews

White Background



This preview shows how the XYZ color 19.6045, 24.6751, 4.3018 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 19.6045, 24.6751, 4.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

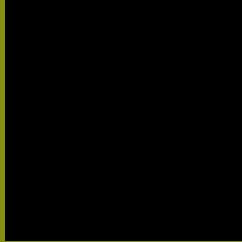
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6045, 24.6751, 4.3018

Background



This preview shows how black text looks on a background with the XYZ color 19.6045, 24.6751, 4.3018.



This preview shows how white text looks on a background with the XYZ color 19.6045, 24.6751,

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

19.6045, 24.6751, 4.3018

Protanopia

22.0346, 24.4180, 4.0420

Deuteranopia

24.8666, 24.4471, 4.5706



Tritanopia

24.6731, 24.5979, 29.4340

Trichromacy



Original Color

19.6045, 24.6751, 4.3018

Protanomaly

21.1879, 24.6167, 4.1651

Deuteranomaly

22.6052, 24.2885, 4.4164

Tritanomaly

21.7977, 24.2621, 15.0895

Monochromacy



Original Color

19.6045, 24.6751, 4.3018

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0248, 21.8578, 12.2331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6045, 24.6751, 4.3018 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(133, 143, 18)` looks like.

```
.text, #text, p{  
    color:rgb(133, 143, 18)  
}
```

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(133, 143, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 143, 18) }
```

Border

The CSS property to change the border of an element to XYZ 19.6045, 24.6751, 4.3018 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(133, 143, 18) }
```


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

```
.border{ border-color:rgb(133, 143, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 143, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 143, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 143, 18);  
box-shadow:4px 4px 4px 4px rgb(133, 143,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6045, 24.6751, 4.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 143, 18) }
```

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

```
.background{ background-color: rgb(133,  
143, 18) }
```

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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