

Converting Colors

XYZ(20.4243, 24.0029, 10.9659)

Have a look what the booklet for
XYZ(20.4243, 24.0029, 10.9659)
contains.

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Color

**XYZ(20.4754, 24.0981,
10.9694)**

Conversions

Conversions Part 1

Format	Color
Hex	868B4F
RGB	134, 139, 79
RGB Percent	53%, 55%, 31%
CMY	0.4745, 0.4549, 0.6902
CMYK	0.04, 0.00, 0.43, 0.45
HSL	65°, 28%, 43%
HSV	65°, 43%, 55%
XYZ	20.4754, 24.0981, 10.9694
YIQ	130.6650, 16.2800, -19.7200

Conversions

Conversions Part 2

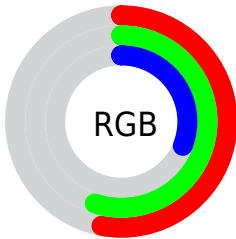
Format	Color
RYB	79, 139, 84
Decimal	8817487
CIELab	56.19, -11.41, 31.40
CIElCh	56, 33.407, 109.977
Yxy	24.0981, 0.3686, 0.4339
Android (android.graphics.Color)	4287007567 (0xFF868B4F)
YUV	130.6650, -25.4708, 2.9248
Hunter-Lab	49.0898, -11.4547, 21.1142

Details

The XYZ color **20.4754, 24.0981, 10.9694** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.1133, 9.3415, 25.6449**, and the grayscale version is **21.5383, 22.6599, 24.6767**.

A 20% lighter version of the original color is **43.5511, 49.9756, 28.1197**, and **7.4004, 9.0880, 2.7306** is the 20% darker color. If you saturate the color by 10%, you get **19.8379, 23.8227, 8.5691**, and if you desaturate by 10%, it is **21.2219, 24.4190, 13.9281**.

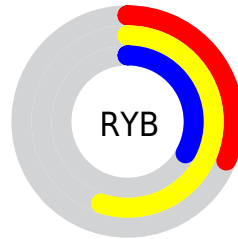
Distribution



Red (53%)

Green (55%)

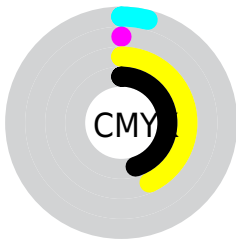
Blue (31%)



Red (31%)

Yellow (55%)

Blue (33%)

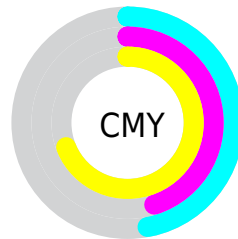


Cyan (4%)

Magenta (0%)

Yellow (43%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4754, 24.0981, 10.9694 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 20.4754, 24.0981, 10.9694 by changing the saturation by 10% instead.

■ 20.4754, 24.0981,
10.9694

■ 20.4754, 24.0981,
10.9694

247.2621,
273.3161, 208.1874

■ 12.8514, 15.4064,
5.9323

■ 43.7107, 50.1902,
28.2394

■ 7.4026, 9.1051,
2.7359

■ 60.0526, 68.3595,
41.3093

■ 3.7637, 4.8098,
0.9614

■ 80.0313, 90.4567,
57.8940

■ 1.5693, 2.1361,
0.0000

■ 104.0119,
116.8662, 78.4120

■ 0.3723, 0.6848,
0.0000

■ 132.3600,
147.9726, 103.2818

■ 0.0000, 0.0000,
0.0000

165.4408,

184.1601, 132.9219

203.6197,
225.8131, 167.7509

■ 20.4754, 24.0981,
10.9694

■ 20.4754, 24.0981,
10.9694

■ 19.8379, 23.8227,
8.5691

■ 21.2219, 24.4190,
13.9281

■ 19.3011, 23.5870,
6.6907

■ 22.0818, 24.7847,
17.4756

■ 18.8580, 23.3890,
5.2957


■ 23.0612, 25.1984,
21.6421


■ 18.5003, 23.2254,
4.3397


■ 24.1654, 25.6622,
26.4552


■ 18.2179, 23.0921,
3.7698


■ 25.3993, 26.1782,
31.9407

 18.0469, 23.0100,
3.4902

 26.7677, 26.7482,
38.1232

 28.2748, 27.3739,
45.0259

 29.9250, 28.0571,
52.6711

 31.7223, 28.7994,
61.0799

Harmonies

Analogous

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



24.2127, 24.0981, 10.4474



20.4754, 24.0981, 10.9694



17.7067, 24.0981, 14.8614

Triad

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



20.4754, 24.0981, 10.9694



18.4801, 24.0981, 45.9724



30.9646, 24.0981, 30.0907

Complementary

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



20.4754, 24.0981, 10.9694



11.1133, 9.3415, 25.6449

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.



29.0314, 24.0981, 42.3071



20.4754, 24.0981, 10.9694



21.6443, 24.0981, 53.0291

Square

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



20.4754, 24.0981, 10.9694



16.6470, 24.0981, 34.1393



25.5185, 24.0981, 51.5268



30.5614, 24.0981, 19.6621

Rectangle

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



20.4754, 24.0981, 10.9694



16.6486, 24.0981, 19.6487



25.5185, 24.0981, 51.5268



30.5589, 24.0981, 34.1586

Sweetspot

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



20.4760, 24.0992, 10.9699



41.2743, 45.1141, 38.6611



15.2299, 12.3948, 8.9872



9.4260, 10.3597, 8.5448



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.4760, 24.0992, 10.9699



35.5279, 42.6615, 15.3582



16.3538, 21.9741, 10.7770



5.3906, 5.8241, 5.3924



16.2941, 20.7699, 3.1502



0.1139, 0.1409, 0.0212

Inverse Universe

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



11.1133, 9.3415, 25.6449



16.4400, 12.5589, 45.3006



14.3964, 11.0340, 25.7986



4.8108, 4.9109, 6.3002



4.3448, 1.7540, 22.1552



0.0333, 0.0139, 0.1474

Previews

White Background



This preview shows how the XYZ color 20.4754, 24.0981, 10.9694 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 20.4754, 24.0981, 10.9694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

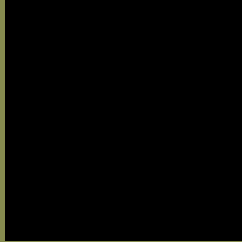
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.4754, 24.0981, 10.9694

Background



This preview shows how black text looks on a background with the XYZ color 20.4754, 24.0981, 10.9694.



This preview shows how white text looks on a background with the XYZ color 20.4754, 24.0981,

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

20.4754, 24.0981, 10.9694

Protanopia

22.2163, 24.1597, 10.5135

Deuteranopia

24.3086, 23.8190, 11.1009



Tritanopia

24.1183, 24.1182, 28.9753

Trichromacy



Original Color

20.4754, 24.0981, 10.9694

Protanomaly

21.5070, 23.9980, 10.7063

Deuteranomaly

22.6481, 23.7571, 10.9813

Tritanomaly

22.4750, 24.0631, 20.9129

Monochromacy



Original Color

20.4754, 24.0981, 10.9694

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.9654, 23.1256, 18.6879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4754, 24.0981, 10.9694 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(134, 139, 79)` looks like.

```
.text, #text, p{  
    color:rgb(134, 139, 79)  
}
```

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(134, 139, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 139, 79) }
```

Border

The CSS property to change the border of an element to XYZ 20.4754, 24.0981, 10.9694 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(134, 139, 79) }
```


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

```
.border{ border-color:rgb(134, 139, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 139, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 139, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 139, 79);  
box-shadow:4px 4px 4px 4px rgb(134, 139,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4754, 24.0981, 10.9694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 139, 79) }
```

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

```
.background{ background-color: rgb(134,  
139, 79) }
```

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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