

Converting Colors

XYZ(14.5450, 19.5205, 14.6044)

Have a look what the booklet for
XYZ(14.5450, 19.5205, 14.6044)
contains.

XYZ(14.4804, 19.4591, 14.5481)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4804, 19.4591,
14.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	588462
RGB	88, 132, 98
RGB Percent	35%, 52%, 38%
CMY	0.6549, 0.4823, 0.6157
CMYK	0.33, 0.00, 0.26, 0.48
HSL	134°, 20%, 43%
HSV	134°, 33%, 52%
XYZ	14.4804, 19.4591, 14.5481
YIQ	114.9680, -15.3100, -19.9020

Conversions

Conversions Part 2

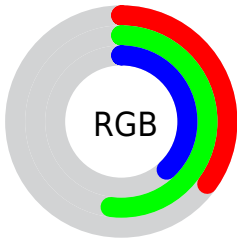
Format	Color
R_{YB}	88, 124, 132
Decimal	5801058
CIE _{Lab}	51.22, -22.70, 13.65
CIE _{LCh}	51, 26.486, 148.976
Yxy	19.4591, 0.2986, 0.4013
Android (android.graphics.Color)	4283991138 (0xFF588462)
YUV	114.9680, -8.3652, -23.6509
Hunter-Lab	44.1125, -18.6022, 11.3251

Details

The XYZ color **14.4804, 19.4591, 14.5481** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5190, 13.2906, 20.1078**, and the grayscale version is **16.3143, 17.1639, 18.6915**.

A 20% lighter version of the original color is **33.4212, 42.3568, 34.8480**, and **4.4899, 6.7247, 4.1933** is the 20% darker color. If you saturate the color by 10%, you get **12.8910, 18.6924, 12.1180**, and if you desaturate by 10%, it is **16.3586, 20.3686, 17.3130**.

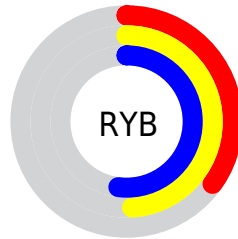
Distribution



Red (35%)

Green (52%)

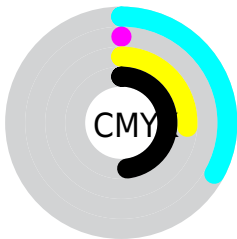
Blue (38%)



Red (35%)

Yellow (49%)

Blue (52%)

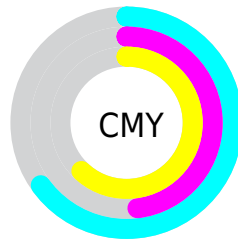


Cyan (33%)

Magenta (0%)

Yellow (26%)

Black (48%)



Cyan (65%)

Magenta (48%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4804, 19.4591, 14.5481 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 14.4804, 19.4591, 14.5481 by changing the saturation by 10% instead.

■ 14.4804, 19.4591,
14.5481

■ 14.4804, 19.4591,
14.5481

213.6506,
248.9717, 232.1602

■ 8.5395, 12.0025,
8.3598

■ 33.5182, 42.5084,
34.7895

■ 4.4967, 6.7454,
4.2350

■ 47.3458, 58.8700,
49.6796

■ 1.9868, 3.3034,
1.7551

■ 64.5330, 78.9686,
68.3073

■ 0.6265, 1.2921,
0.3981

■ 85.4452, 103.1886,
91.0913

■ 0.0000, 0.1351,
0.0000

■ 110.4477,
131.9146, 118.4501

■ 0.0000, 0.0000,
0.0000

139.9059,

165.5308, 150.8021

174.1850,
204.4217, 188.5660

■ 14.4804, 19.4591,
14.5481

■ 14.4804, 19.4591,
14.5481

■ 12.8910, 18.6924,
12.1180

■ 16.3586, 20.3686,
17.3130

■ 11.5742, 18.0589,
10.0086

■ 18.5374, 21.4253,
20.4235

■ 10.5147, 17.5515,
8.2070

■ 21.0300, 22.6361,
23.8913

■ 9.6951, 17.1615,
6.6987

■ 23.8483, 24.0070,
27.7273

■ 9.0956, 16.8791,
5.4680

■ 27.0036, 25.5436,
31.9420

■ 8.6926, 16.6924,
4.4977

■ 30.5065, 27.2511,
36.5453

■ 8.4860, 16.5970,
3.9846

■ 34.3673, 29.1348,
41.5470

■ 38.5959, 31.1993,
46.9562

■ 43.2017, 33.4495,
52.7821

Harmonies

Analogous

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



16.1454, 19.4591, 10.8512



14.4804, 19.4591, 14.5481



13.8734, 19.4591, 20.9290

Triad

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



14.4804, 19.4591, 14.5481



18.4048, 19.4591, 39.2826



23.2968, 19.4591, 14.9010

Complementary

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



14.4804, 19.4591, 14.5481



16.5190, 13.2906, 20.1078

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.



24.0442, 19.4591, 21.4484



14.4804, 19.4591, 14.5481



21.0628, 19.4591, 36.6052

Square

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



14.4804, 19.4591, 14.5481



16.0024, 19.4591, 36.2326



23.1911, 19.4591, 29.5909



21.2345, 19.4591, 11.0183

Rectangle

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



14.4804, 19.4591, 14.5481



14.1015, 19.4591, 26.2707



23.1911, 19.4591, 29.5909



23.7183, 19.4591, 16.8066

Sweetspot

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



14.4809, 19.4599, 14.5485



33.9576, 38.3727, 37.8060



18.1058, 21.3798, 12.4052



7.7870, 8.8761, 8.6354



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.



14.4809, 19.4599, 14.5485



23.3446, 33.2329, 22.3367



15.6383, 19.9229, 20.6432



4.6565, 5.2208, 5.2022



8.2180, 16.0701, 3.8675



0.0309, 0.0566, 0.0259

Inverse Universe

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



16.5190, 13.2906, 20.1078



27.5067, 20.6217, 33.6813



15.3289, 12.8146, 13.8413



4.8138, 4.7452, 5.6319



11.5378, 5.6795, 12.6703



0.0427, 0.0208, 0.0583

Previews

White Background



This preview shows how the XYZ color 14.4804, 19.4591, 14.5481 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 14.4804, 19.4591, 14.5481 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 14.4804, 19.4591, 14.5481

Background



This preview shows how black text looks on a background with the XYZ color 14.4804, 19.4591, 14.5481.



This preview shows how white text looks on a background with the XYZ color 14.4804, 19.4591,

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

14.4804, 19.4591, 14.5481

Protanopia

18.0191, 19.2109, 13.1143

Deuteranopia

19.5255, 19.2376, 14.9960



Tritanopia

16.9286, 19.4717, 26.5331

Trichromacy



Original Color

14.4804, 19.4591, 14.5481

Protanomaly

16.4694, 19.1383, 13.6525

Deuteranomaly

17.1449, 18.9041, 14.8018

Tritanomaly

15.9396, 19.4577, 21.6545

Monochromacy



Original Color

14.4804, 19.4591, 14.5481

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.4234, 17.7821, 17.0874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4804, 19.4591, 14.5481 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(88, 132, 98)` looks like.

```
.text, #text, p{  
    color:rgb(88, 132, 98)  
}
```

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(88, 132, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 132, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.4804, 19.4591, 14.5481 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(88, 132, 98) }
```


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

```
.border{ border-color:rgb(88, 132, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 132, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 132, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 132, 98);  
box-shadow:4px 4px 4px 4px rgb(88, 132,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4804, 19.4591, 14.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 132, 98) }
```

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

```
.background{ background-color: rgb(88, 132,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor