

Converting Colors

XYZ(14.4976, 19.2577, 17.2108)

Have a look what the booklet for
XYZ(14.4976, 19.2577, 17.2108)
contains.

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Color

**XYZ(14.4792, 19.2001,
17.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	54836C
RGB	84, 131, 108
RGB Percent	33%, 51%, 42%
CMY	0.6706, 0.4863, 0.5765
CMYK	0.36, 0.00, 0.18, 0.49
HSL	151°, 22%, 42%
HSV	151°, 36%, 51%
XYZ	14.4792, 19.2001, 17.1302
YIQ	114.3250, -20.6290, -17.1170

Conversions

Conversions Part 2

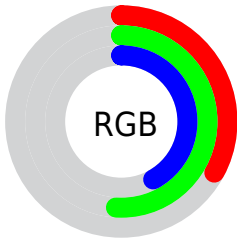
Format	Color
R_{YB}	84, 115, 131
Decimal	5538668
CIE _{Lab}	50.92, -21.41, 7.41
CIE _{LCh}	51, 22.659, 160.908
Yxy	19.2001, 0.2850, 0.3779
Android (android.graphics.Color)	4283728748 (0xFF54836C)
YUV	114.3250, -3.1182, -26.5950
Hunter-Lab	43.8179, -17.6978, 7.4937

Details

The XYZ color **14.4792, 19.2001, 17.1302** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.1849, 12.2279, 15.4705**, and the grayscale version is **16.1058, 16.9445, 18.4526**.

A 20% lighter version of the original color is **33.3902, 41.9351, 39.1353**, and **4.4779, 6.5791, 5.4488** is the 20% darker color. If you saturate the color by 10%, you get **13.0859, 18.5203, 15.3491**, and if you desaturate by 10%, it is **16.1180, 20.0046, 19.0546**.

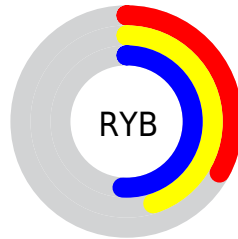
Distribution



Red (33%)

Green (51%)

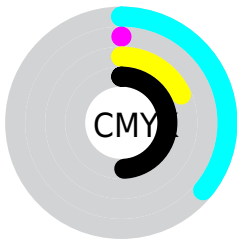
Blue (42%)



Red (33%)

Yellow (45%)

Blue (51%)

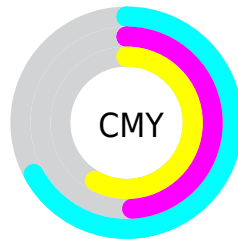


Cyan (36%)

Magenta (0%)

Yellow (18%)

Black (49%)



Cyan (67%)

Magenta (49%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4792, 19.2001, 17.1302 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 14.4792, 19.2001, 17.1302 by changing the saturation by 10% instead.

■ 14.4792, 19.2001,
17.1302

■ 14.4792, 19.2001,
17.1302

213.6434,
247.5512, 247.9909

■ 8.5386, 11.8150,
10.1644

■ 33.5161, 42.0719,
39.3432

■ 4.4962, 6.6178,
5.4011

■ 47.3432, 58.3274,
55.4275

■ 1.9865, 3.2242,
2.4216

■ 64.5298, 78.3085,
75.3884

■ 0.6264, 1.2499,
0.7982

■ 85.4413, 102.3995,
99.6445

■ 0.0000, 0.1019,
0.0000

■ 110.4431,
130.9849, 128.6142

■ 0.0000, 0.0000,
0.0000

139.9004,

164.4491, 162.7162

174.1787,
203.1764, 202.3689

■ 14.4792, 19.2001,
17.1302

■ 14.4792, 19.2001,
17.1302

■ 13.0859, 18.5203,
15.3491

■ 16.1180, 20.0046,
19.0546

■ 11.9237, 17.9563,
13.7067

■ 18.0125, 20.9374,
21.1243

■ 10.9791, 17.5018,
12.1997

■ 20.1743, 22.0050,
23.3428

■ 10.2366, 17.1486,
10.8246

■ 22.6138, 23.2126,
25.7133

■ 9.6782, 16.8878,
9.5773

■ 25.3407, 24.5653,
28.2386

■ 9.2751, 16.7045,
8.4532

■ 28.3644, 26.0678,
30.9216

■ 9.1266, 16.6373,
8.0236

■ 31.6937, 27.7247,
33.7651

■ 35.3372, 29.5402,
36.7718

■ 39.3030, 31.5185,
39.9444

Harmonies

Analogous

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



15.5752, 19.2001, 12.9102



14.4792, 19.2001, 17.1302



14.3435, 19.2001, 23.3241

Triad

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



14.4792, 19.2001, 17.1302



19.0751, 19.2001, 35.4823



21.6962, 19.2001, 13.8328

Complementary

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



14.4792, 19.2001, 17.1302



15.1849, 12.2279, 15.4705

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.



22.8063, 19.2001, 18.6604



14.4792, 19.2001, 17.1302



21.2128, 19.2001, 31.6643

Square

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



14.4792, 19.2001, 17.1302



16.8783, 19.2001, 34.8388



22.6224, 19.2001, 25.1987



19.6923, 19.2001, 11.2927

Rectangle

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



14.4792, 19.2001, 17.1302



14.8023, 19.2001, 27.8921



22.6224, 19.2001, 25.1987



22.1934, 19.2001, 15.1957

Sweetspot

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



14.4797, 19.2009, 17.1306



33.9848, 38.3463, 39.6313



15.8408, 20.0304, 11.4191



7.8114, 8.8780, 9.1228



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.



14.4797, 19.2009, 17.1306



23.8714, 33.3781, 28.0684



15.8698, 19.7569, 24.4507



4.7081, 5.2415, 5.4743



8.9847, 16.3767, 7.9048



0.0348, 0.0582, 0.0468

Inverse Universe

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



15.1849, 12.2279, 15.4705



25.3292, 18.9645, 24.6380



14.1311, 11.8064, 9.9218



4.7605, 4.7239, 5.3510



10.1289, 5.1159, 5.2511



0.0388, 0.0192, 0.0375

Previews

White Background



This preview shows how the XYZ color 14.4792, 19.2001, 17.1302 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 14.4792, 19.2001, 17.1302 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 14.4792, 19.2001, 17.1302

Background



This preview shows how black text looks on a background with the XYZ color 14.4792, 19.2001, 17.1302.



This preview shows how white text looks on a background with the XYZ color 14.4792, 19.2001,

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

14.4792, 19.2001, 17.1302

Protanopia

17.9170, 18.9242, 15.5404

Deuteranopia

19.3839, 19.1045, 17.7048



Tritanopia

16.3212, 19.1585, 26.5047

Trichromacy



Original Color

14.4792, 19.2001, 17.1302

Protanomaly

16.3130, 18.8147, 16.1364

Deuteranomaly

17.1101, 18.8268, 17.4840

Tritanomaly

15.5096, 19.0194, 22.5923

Monochromacy



Original Color

14.4792, 19.2001, 17.1302

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.2346, 17.4864, 17.9015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4792, 19.2001, 17.1302 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, 131, 108) looks like.

```
.text, #text, p{  
    color:rgb(84, 131, 108)  
}
```

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, 131, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 131, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.4792, 19.2001, 17.1302 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, 131, 108) }
```


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

```
.border{ border-color:rgb(84, 131, 108) }
```

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

Here you see how a box with a 4 pixel rgb(84, 131, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 131, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 131, 108);  
box-shadow:4px 4px 4px 4px rgb(84, 131,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4792, 19.2001, 17.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 131, 108) }
```

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

```
.background{ background-color: rgb(84, 131,  
108) }
```

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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