

Converting Colors

XYZ(10.4618, 14.8397, 4.5249)

Have a look what the booklet for
XYZ(10.4618, 14.8397, 4.5249)
contains.

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Color

**XYZ(10.4354, 14.7746,
4.4923)**

Conversions

Conversions Part 1

Format	Color
Hex	54752A
RGB	84, 117, 42
RGB Percent	33%, 46%, 16%
CMY	0.6706, 0.5412, 0.8353
CMYK	0.28, 0.00, 0.64, 0.54
HSL	86°, 47%, 31%
HSV	86°, 64%, 46%
XYZ	10.4354, 14.7746, 4.4923
YIQ	98.5830, 4.4070, -30.3210

Conversions

Conversions Part 2

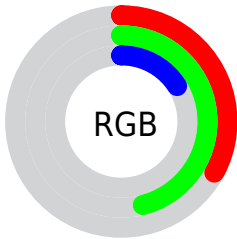
Format	Color
R_{YB}	42, 117, 75
Decimal	5535018
CIE Lab	45.32, -24.91, 36.62
CIE LCh	45, 44.289, 124.220
Yxy	14.7746, 0.3513, 0.4974
Android (android.graphics.Color)	4283725098 (0xFF54752A)
YUV	98.5830, -27.8954, -12.7893
Hunter-Lab	38.4377, -18.8054, 19.9771

Details

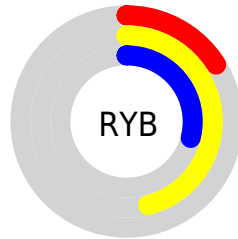
The XYZ color **10.4354, 14.7746, 4.4923** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6.9412, 4.4366, 17.3210**, and the grayscale version is **11.8223, 12.4380, 13.5450**.

A 20% lighter version of the original color is **26.2296, 34.3655, 15.1483**, and **2.7603, 4.4916, 0.7215** is the 20% darker color. If you saturate the color by 10%, you get **9.8120, 14.4744, 3.5253**, and if you desaturate by 10%, it is **11.1546, 15.1180, 5.7837**.

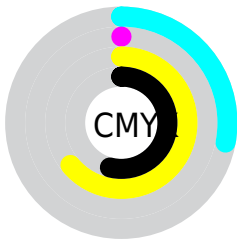
Distribution



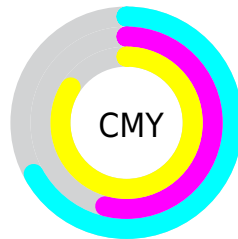
- Red (33%)
- Green (46%)
- Blue (16%)



- Red (16%)
- Yellow (46%)
- Blue (29%)



- Cyan (28%)
- Magenta (0%)
- Yellow (64%)
- Black (54%)



- Cyan (67%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4354, 14.7746, 4.4923 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 10.4354, 14.7746, 4.4923 by changing the saturation by 10% instead.

■ 10.4354, 14.7746,
4.4923

■ 10.4354, 14.7746,
4.4923

187.7414,
221.9979, 153.5495

■ 5.7531, 8.6613,
1.8991

■ 26.2536, 34.4573,
15.1301

■ 2.7347, 4.5210,
0.4922

■ 38.1202, 48.7955,
24.0118

■ 1.0151, 1.9690,
0.0000

■ 53.1122, 66.6441,
35.8268

■ 0.0000, 0.5894,
0.0000

■ 71.5950, 88.3876,
50.9936

■ 0.0000, 0.0000,
0.0000

■ 93.9340, 114.4104,
69.9307

■ 120.4944,

145.0967, 93.0567

151.6418,
180.8311, 120.7901

■ 10.4354, 14.7746,
4.4923

■ 10.4354, 14.7746,
4.4923

■ 9.8120, 14.4744,
3.5253

■ 11.1546, 15.1180,
5.7837

■ 9.2770, 14.2130,
2.8529

■ 11.9741, 15.5050,
7.4241

■ 8.8222, 13.9873,
2.4330

■ 12.8993, 15.9383,
9.4369

■ 8.5760, 13.8648,
2.2242

■ 13.9347, 16.4200,
11.8430

■ 15.0848, 16.9517,
14.6618

■ 16.3536, 17.5351,
17.9116

■ 17.7449, 18.1720,
21.6094

■ 19.2625, 18.8638,
25.7714

■ 20.9098, 19.6119,
30.4129

Harmonies

Analogous

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



13.5297, 14.7746, 3.1754



10.4354, 14.7746, 4.4923



8.5973, 14.7746, 8.7993

Triad

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



10.4354, 14.7746, 4.4923



11.1911, 14.7746, 42.0209



22.3244, 14.7746, 14.6447

Complementary

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



10.4354, 14.7746, 4.4923



6.9412, 4.4366, 17.3210

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.



21.4064, 14.7746, 26.5783



10.4354, 14.7746, 4.4923



14.5687, 14.7746, 45.8435

Square

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



10.4354, 14.7746, 4.4923



8.9773, 14.7746, 30.3446



18.3984, 14.7746, 39.2618



20.7257, 14.7746, 7.1859

Rectangle

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



10.4354, 14.7746, 4.4923



8.1255, 14.7746, 14.1359



18.3984, 14.7746, 39.2618



22.3016, 14.7746, 18.2100

Sweetspot

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



10.4358, 14.7752, 4.4926



25.8752, 29.8295, 23.4395



10.2369, 8.9142, 3.3718



5.8431, 6.8092, 5.1311



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.4358, 14.7752, 4.4926



17.0821, 25.6809, 5.6615



7.9520, 13.4948, 4.3764



3.8185, 4.1899, 3.9498



9.4305, 15.2659, 2.4496



44.9588, 73.8789, 11.8905

Inverse Universe

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



6.9412, 4.4366, 17.3210



10.2897, 5.5409, 30.6642



10.7216, 6.3855, 17.4979



3.6394, 3.6614, 4.6051



5.0515, 2.1955, 18.7001



23.6657, 10.2086, 91.0834

Previews

White Background



This preview shows how the XYZ color 10.4354, 14.7746, 4.4923 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



This preview shows how the XYZ color 10.4354, 14.7746, 4.4923 looks on a 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 10.4354, 14.7746, 4.4923

Background



This preview shows how black text looks on a background with the XYZ color 10.4354, 14.7746, 4.4923.



This preview shows how white text looks on a background with the XYZ color 10.4354, 14.7746,

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

10.4354, 14.7746, 4.4923

Protanopia

13.2317, 14.5838, 4.0370

Deuteranopia

14.9373, 14.6945, 4.7384



Tritanopia

13.4620, 14.8395, 19.2943

Trichromacy



Original Color

10.4354, 14.7746, 4.4923

Protanomaly

12.0113, 14.5863, 4.1898

Deuteranomaly

12.8016, 14.3497, 4.5777

Tritanomaly

11.9670, 14.7221, 11.8838

Monochromacy



Original Color

10.4354, 14.7746, 4.4923

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.1453, 13.2378, 9.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4354, 14.7746, 4.4923 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, 117, 42)` looks like.

```
.text, #text, p{  
    color:rgb(84, 117, 42)  
}
```

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, 117, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 117, 42) }
```

Border

The CSS property to change the border of an element to XYZ 10.4354, 14.7746, 4.4923 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, 117, 42) }
```


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

```
.border{ border-color:rgb(84, 117, 42) }
```

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

Here you see how a box with a 4 pixel rgb(84, 117, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 117, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 117, 42);  
box-shadow:4px 4px 4px 4px rgb(84, 117,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4354, 14.7746, 4.4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 117, 42) }
```

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

```
.background{ background-color: rgb(84, 117,  
42) }
```

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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