

Converting Colors

XYZ(11.4485, 14.5924, 11.7163)

Have a look what the booklet for
XYZ(11.4485, 14.5924, 11.7163)
contains.

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Color

**XYZ(11.4766, 14.6407,
11.6723)**

Conversions

Conversions Part 1

Format	Color
Hex	547259
RGB	84, 114, 89
RGB Percent	33%, 45%, 35%
CMY	0.6706, 0.5529, 0.6510
CMYK	0.26, 0.00, 0.22, 0.55
HSL	130°, 15%, 39%
HSV	130°, 26%, 45%
XYZ	11.4766, 14.6407, 11.6723
YIQ	102.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

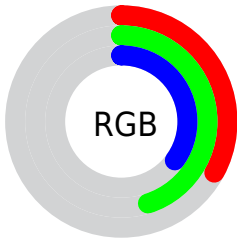
Format	Color
R_{YB}	84, 110, 114
Decimal	5534297
CIE _{Lab}	45.14, -16.39, 10.40
CIE _{LCh}	45, 19.416, 147.606
Yxy	14.6407, 0.3037, 0.3874
Android (android.graphics.Color)	4283724377 (0xFF547259)
YUV	102.1800, -6.4977, -15.9439
Hunter-Lab	38.2632, -13.4215, 8.6976

Details

The XYZ color **11.4766, 14.6407, 11.6723** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.8705, 11.0224, 15.9176**, and the grayscale version is **12.6950, 13.3561, 14.5448**.

A 20% lighter version of the original color is **28.1279, 34.2048, 29.5458**, and **3.1836, 4.4829, 2.9830** is the 20% darker color. If you saturate the color by 10%, you get **10.1646, 14.0079, 9.6612**, and if you desaturate by 10%, it is **13.0070, 15.3809, 13.9630**.

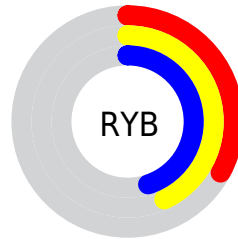
Distribution



Red (33%)

Green (45%)

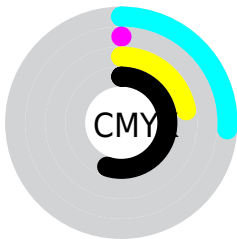
Blue (35%)



Red (33%)

Yellow (43%)

Blue (45%)

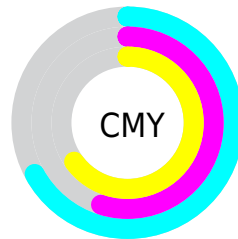


Cyan (26%)

Magenta (0%)

Yellow (22%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4766, 14.6407, 11.6723 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 11.4766, 14.6407, 11.6723 by changing the saturation by 10% instead.

■ 11.4766, 14.6407,
11.6723

■ 11.4766, 14.6407,
11.6723

194.7503,
221.1810, 213.1239

■ 6.4580, 8.5676,
6.4011

■ 28.1634, 34.2216,
29.5523

■ 3.1688, 4.4602,
3.0178

■ 40.5623, 48.4982,
42.9981

■ 1.2437, 1.9342,
1.1037

■ 56.1520, 66.2782,
60.0060

■ 0.1404, 0.5688,
0.0000

■ 75.2979, 87.9458,
80.9944

■ 0.0000, 0.0000,
0.0000

■ 98.3653, 113.8855,
106.3818

125.7196,

144.4816, 136.5869

157.7261,
180.1187, 172.0281

■ 11.4766, 14.6407,
11.6723

■ 11.4766, 14.6407,
11.6723

■ 10.1646, 14.0079,
9.6612

■ 13.0070, 15.3809,
13.9630

■ 9.0599, 13.4759,
7.9182

■ 14.7639, 16.2314,
16.5425

■ 8.1521, 13.0398,
6.4321

■ 16.7566, 17.1970,
19.4207

■ 7.4293, 12.6939,
5.1908

■ 18.9933, 18.2819,
22.6067

■ 6.8786, 12.4318,
4.1811

■ 21.4820, 19.4899,
26.1093

■ 6.4852, 12.2462,
3.3886

■ 24.2302, 20.8248,
29.9370

■ 6.2199, 12.1222,
2.7967

■ 27.2451, 22.2901,
34.0977

■ 6.1352, 12.0822,
2.6250

■ 30.5338, 23.8892,
38.5994

■ 34.1029, 25.6255,
43.4495

Harmonies

Analogous

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



12.5384, 14.6407, 9.3400



11.4766, 14.6407, 11.6723



11.0631, 14.6407, 15.5761

Triad

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



11.4766, 14.6407, 11.6723



13.7874, 14.6407, 26.4616



16.8230, 14.6407, 12.1978

Complementary

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



11.4766, 14.6407, 11.6723



12.8705, 11.0224, 15.9176

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.



17.2205, 14.6407, 16.3121



11.4766, 14.6407, 11.6723



15.3901, 14.6407, 25.0908

Square

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



11.4766, 14.6407, 11.6723



12.3319, 14.6407, 24.5962



16.6776, 14.6407, 21.1416



15.6293, 14.6407, 9.6000

Rectangle

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



11.4766, 14.6407, 11.6723



11.1849, 14.6407, 18.7568



16.6776, 14.6407, 21.1416



17.0580, 14.6407, 13.4225

Sweetspot

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



11.4770, 14.6413, 11.6726



25.3290, 28.2245, 28.1730



13.9248, 15.9266, 10.7278



5.7667, 6.4833, 6.3824



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.4770, 14.6413, 11.6726



18.6246, 24.9831, 18.1570



12.1725, 14.9195, 15.3354



3.3657, 3.7715, 3.7319



6.8245, 13.4473, 2.8967



33.7722, 66.8975, 13.2516

Inverse Universe

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



12.8705, 11.0224, 15.9176



21.5413, 17.4048, 27.0392



12.1305, 10.7264, 12.0209



3.4917, 3.4444, 4.1160



10.0190, 4.9000, 12.4419



49.6363, 24.2999, 60.5424

Previews

White Background



This preview shows how the XYZ color 11.4766, 14.6407, 11.6723 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 11.4766, 14.6407, 11.6723 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 11.4766, 14.6407, 11.6723

Background



This preview shows how black text looks on a background with the XYZ color 11.4766, 14.6407, 11.6723.



This preview shows how white text looks on a background with the XYZ color 11.4766, 14.6407,

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

11.4766, 14.6407, 11.6723

Protanopia

13.6038, 14.4747, 10.6712

Deuteranopia

14.6657, 14.3956, 11.9032



Tritanopia

13.0255, 14.6076, 19.5858

Trichromacy



Original Color

11.4766, 14.6407, 11.6723

Protanomaly

12.6278, 14.4339, 10.9246

Deuteranomaly

13.1838, 14.2344, 11.7255

Tritanomaly

12.3217, 14.4778, 16.3324

Monochromacy



Original Color

11.4766, 14.6407, 11.6723

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.0310, 13.6040, 13.3010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4766, 14.6407, 11.6723 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, 114, 89) looks like.

```
.text, #text, p{  
    color:rgb(84, 114, 89)  
}
```

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, 114, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 114, 89) }
```

Border

The CSS property to change the border of an element to XYZ 11.4766, 14.6407, 11.6723 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, 114, 89) }
```


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

```
.border{ border-color:rgb(84, 114, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 114, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 114, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 114, 89);  
box-shadow:4px 4px 4px 4px rgb(84, 114,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4766, 14.6407, 11.6723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 114, 89) }
```

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

```
.background{ background-color: rgb(84, 114,  
89) }
```

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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