

Converting Colors

XYZ(10.9807, 14.5670, 9.1620)

Have a look what the booklet for
XYZ(10.9807, 14.5670, 9.1620)
contains.

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Color

**XYZ(11.0376, 14.6363,
9.2645)**

Conversions

Conversions Part 1

Format	Color
Hex	53734D
RGB	83, 115, 77
RGB Percent	33%, 45%, 30%
CMY	0.6745, 0.5490, 0.6980
CMYK	0.28, 0.00, 0.33, 0.55
HSL	111°, 20%, 38%
HSV	111°, 33%, 45%
XYZ	11.0376, 14.6363, 9.2645
YIQ	101.1000, -6.8740, -18.6020

Conversions

Conversions Part 2

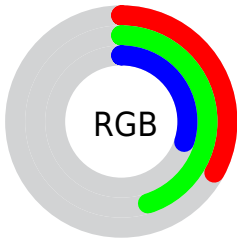
Format	Color
RYB	77, 115, 109
Decimal	5469005
CIELab	45.13, -19.56, 17.43
CIELCh	45, 26.202, 138.291
Yxy	14.6363, 0.3159, 0.4189
Android (android.graphics.Color)	4283659085 (0xFF53734D)
YUV	101.1000, -11.8813, -15.8737
Hunter-Lab	38.2574, -15.4517, 12.4224

Details

The XYZ color **11.0376, 14.6363, 9.2645** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.0556, 9.7971, 17.4761**, and the grayscale version is **12.4268, 13.0740, 14.2376**.

A 20% lighter version of the original color is **27.2575, 34.1303, 24.8899**, and **2.9954, 4.4937, 2.0760** is the 20% darker color. If you saturate the color by 10%, you get **9.8714, 14.0784, 7.2746**, and if you desaturate by 10%, it is **12.3957, 15.2857, 11.6389**.

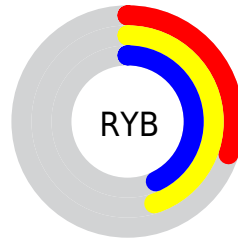
Distribution



Red (33%)

Green (45%)

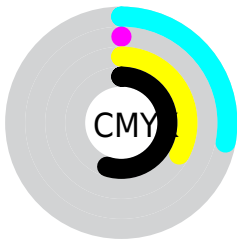
Blue (30%)



Red (30%)

Yellow (45%)

Blue (43%)

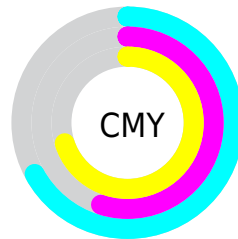


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0376, 14.6363, 9.2645 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 11.0376, 14.6363, 9.2645 by changing the saturation by 10% instead.

■ 11.0376, 14.6363,
9.2645

■ 11.0376, 14.6363,
9.2645

191.8283,
221.1542, 195.6291

■ 6.1596, 8.5645,
4.8149

■ 27.3620, 34.2139,
24.9884

■ 2.9840, 4.4583,
2.0823

■ 39.5391, 48.4885,
37.0998

■ 1.1453, 1.9331,
0.6052

■ 54.8800, 66.2661,
52.6023

■ 0.0625, 0.5681,
0.0000

■ 73.7500, 87.9312,
71.9143

■ 0.0000, 0.0000,
0.0000

■ 96.5145, 113.8682,
95.4545

123.5388,

144.4614, 123.6413

155.1883,
180.0953, 156.8934

■ 11.0376, 14.6363,
9.2645

■ 11.0376, 14.6363,
9.2645

■ 9.8714, 14.0784,
7.2746

■ 12.3957, 15.2857,
11.6389

■ 8.8874, 13.6061,
5.6479

■ 13.9529, 16.0286,
14.4154

■ 8.0764, 13.2156,
4.3629

■ 15.7170, 16.8692,
17.6119

■ 7.4284, 12.9023,
3.3952

■ 17.6954, 17.8107,
21.2447

■ 6.9318, 12.6608,
2.7171

■ 19.8951, 18.8565,
25.3295

■ 6.5731, 12.4849,
2.2931

■ 22.3224, 20.0097,
29.8809

■ 6.3834, 12.3922,
2.0555

■ 24.9839, 21.2731,
34.9132

■ 27.8855, 22.6496,
40.4397

■ 31.0332, 24.1420,
46.4736

Harmonies

Analogous

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



12.6492, 14.6363, 7.1058



11.0376, 14.6363, 9.2645



10.2306, 14.6363, 13.6440

Triad

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



11.0376, 14.6363, 9.2645



13.0860, 14.6363, 30.6370



18.2354, 14.6363, 12.4899

Complementary

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



11.0376, 14.6363, 9.2645



12.0556, 9.7971, 17.4761

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.



18.3834, 14.6363, 18.4722



11.0376, 14.6363, 9.2645



15.2548, 14.6363, 30.0942

Square

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



11.0376, 14.6363, 9.2645



11.3288, 14.6363, 26.5575



17.2451, 14.6363, 25.2243



16.8593, 14.6363, 8.6086

Rectangle

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



11.0376, 14.6363, 9.2645



10.1956, 14.6363, 17.7124



17.2451, 14.6363, 25.2243



18.4353, 14.6363, 14.2834

Sweetspot

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



11.0380, 14.6369, 9.2648



25.8250, 29.1019, 27.3276



13.8435, 15.0476, 9.1962



6.0797, 6.9039, 6.3728



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.



11.0380, 14.6369, 9.2648



18.0656, 25.3957, 13.6829



11.0230, 14.5724, 11.8308



3.6896, 4.1234, 3.9437



7.2837, 14.1592, 2.3491



35.0086, 68.7494, 11.4248

Inverse Universe

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



12.0556, 9.7971, 17.4761



20.1961, 15.2327, 30.9203



12.1395, 9.9189, 13.9325



3.7726, 3.7301, 4.6114



9.1398, 4.3031, 18.8914



43.9447, 20.6628, 92.0325

Previews

White Background



This preview shows how the XYZ color 11.0376, 14.6363, 9.2645 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 11.0376, 14.6363, 9.2645 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 11.0376, 14.6363, 9.2645

Background



This preview shows how black text looks on a background with the XYZ color 11.0376, 14.6363, 9.2645.



This preview shows how white text looks on a background with the XYZ color 11.0376, 14.6363,

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

11.0376, 14.6363, 9.2645

Protanopia

13.4269, 14.4339, 8.3817

Deuteranopia

14.6568, 14.4419, 9.6045



Tritanopia

13.1222, 14.6574, 19.5903

Trichromacy



Original Color

11.0376, 14.6363, 9.2645

Protanomaly

12.2982, 14.3153, 8.5935

Deuteranomaly

13.0994, 14.3949, 9.4852

Tritanomaly

12.2233, 14.6141, 15.2733

Monochromacy



Original Color

11.0376, 14.6363, 9.2645

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.7019, 13.4605, 12.1066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0376, 14.6363, 9.2645 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(83, 115, 77)` looks like.

```
.text, #text, p{  
    color:rgb(83, 115, 77)  
}
```

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(83, 115, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 115, 77) }
```

Border

The CSS property to change the border of an element to XYZ 11.0376, 14.6363, 9.2645 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(83, 115, 77) }
```


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

```
.border{ border-color:rgb(83, 115, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 115, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 115, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 115, 77);  
box-shadow:4px 4px 4px 4px rgb(83, 115,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0376, 14.6363, 9.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 115, 77) }
```

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

```
.background{ background-color: rgb(83, 115,  
77) }
```

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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