

Converting Colors

XYZ(11.1176, 14.6377, 9.1685)

Have a look what the booklet for
XYZ(11.1176, 14.6377, 9.1685)
contains.

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Color

**XYZ(11.1264, 14.6821,
9.2687)**

Conversions

Conversions Part 1

Format	Color
Hex	54734D
RGB	84, 115, 77
RGB Percent	33%, 45%, 30%
CMY	0.6706, 0.5490, 0.6980
CMYK	0.27, 0.00, 0.33, 0.55
HSL	109°, 20%, 38%
HSV	109°, 33%, 45%
XYZ	11.1264, 14.6821, 9.2687
YIQ	101.3990, -6.2780, -18.3900

Conversions

Conversions Part 2

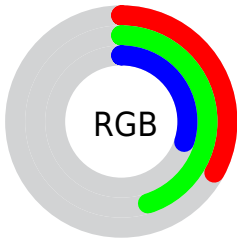
Format	Color
RYB	77, 115, 108
Decimal	5534541
CIELab	45.20, -19.18, 17.53
CIELCh	45, 25.986, 137.577
Yxy	14.6821, 0.3172, 0.4186
Android (android.graphics.Color)	4283724621 (0xFF54734D)
YUV	101.3990, -12.0287, -15.2589
Hunter-Lab	38.3172, -15.2231, 12.4802

Details

The XYZ color **11.1264, 14.6821, 9.2687** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.9335, 9.7342, 17.4704**, and the grayscale version is **12.5045, 13.1557, 14.3266**.

A 20% lighter version of the original color is **27.4161, 34.2121, 24.8973**, and **3.0308, 4.5119, 2.0776** is the 20% darker color. If you saturate the color by 10%, you get **9.9716, 14.1300, 7.2793**, and if you desaturate by 10%, it is **12.4663, 15.3221, 11.6422**.

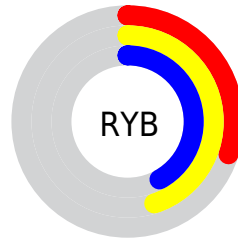
Distribution



Red (33%)

Green (45%)

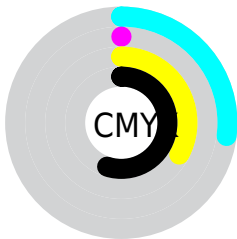
Blue (30%)



Red (30%)

Yellow (45%)

Blue (42%)

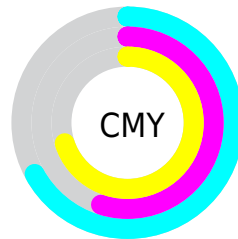


Cyan (27%)

Magenta (0%)

Yellow (33%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1264, 14.6821, 9.2687 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 11.1264, 14.6821, 9.2687 by changing the saturation by 10% instead.

■ 11.1264, 14.6821,
9.2687

■ 11.1264, 14.6821,
9.2687

192.4231,
221.4339, 195.6612

■ 6.2198, 8.5966,
4.8177

■ 27.5245, 34.2945,
24.9965

■ 3.0211, 4.4790,
2.0838

■ 39.7468, 48.5902,
37.1104

■ 1.1650, 1.9450,
0.6061

■ 55.1384, 66.3914,
52.6157

■ 0.0784, 0.5752,
0.0000

■ 74.0647, 88.0825,
71.9308

■ 0.0000, 0.0000,
0.0000

■ 96.8909, 114.0479,
95.4744

123.9825,

144.6720, 123.6650

155.7048,
180.3392, 156.9210

■ 11.1264, 14.6821,
9.2687

■ 11.1264, 14.6821,
9.2687

■ 9.9716, 14.1300,
7.2793

■ 12.4663, 15.3221,
11.6422

■ 8.9925, 13.6603,
5.6529

■ 13.9979, 16.0519,
14.4176

■ 8.1806, 13.2694,
4.3678

■ 15.7288, 16.8753,
17.6125

■ 7.5264, 12.9528,
3.3998

■ 17.6659, 17.7955,
21.2434

■ 7.0190, 12.7058,
2.7212

■ 19.8156, 18.8156,
25.3259

■ 6.6458, 12.5224,
2.2965

■ 22.1844, 19.9385,
29.8746

■ 6.4441, 12.4235,
2.0583

■ 24.7780, 21.1670,
34.9037

■ 27.6025, 22.5037,
40.4266

■ 30.6631, 23.9512,
46.4565

Harmonies

Analogous

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



12.7461, 14.6821, 7.1629



11.1264, 14.6821, 9.2687



10.3022, 14.6821, 13.5776

Triad

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



11.1264, 14.6821, 9.2687



13.0863, 14.6821, 30.5185



18.2675, 14.6821, 12.6780

Complementary

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



11.1264, 14.6821, 9.2687



11.9335, 9.7342, 17.4704

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.



18.3826, 14.6821, 18.6643



11.1264, 14.6821, 9.2687



15.2378, 14.6821, 30.0973

Square

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



11.1264, 14.6821, 9.2687



11.3534, 14.6821, 26.3870



17.2262, 14.6821, 25.3517



16.9262, 14.6821, 8.7562

Rectangle

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



11.1264, 14.6821, 9.2687



10.2528, 14.6821, 17.5950



17.2262, 14.6821, 25.3517



18.4555, 14.6821, 14.4788

Sweetspot

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



11.1268, 14.6827, 9.2690



25.8904, 29.1356, 27.3306



13.7099, 14.7804, 9.1517



6.0968, 6.9127, 6.3736



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.



11.1268, 14.6827, 9.2690



18.2417, 25.4865, 13.6912



10.9699, 14.5512, 11.5505



3.6978, 4.1277, 3.9441



7.3517, 14.1943, 2.3523



35.2823, 68.8905, 11.4376

Inverse Universe

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



11.9335, 9.7342, 17.4704



19.9292, 15.0951, 30.9078



12.2031, 9.9444, 14.2673



3.7637, 3.7255, 4.6110



8.7776, 4.1163, 18.8745



42.1079, 19.7159, 91.9465

Previews

White Background



This preview shows how the XYZ color 11.1264, 14.6821, 9.2687 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 11.1264, 14.6821, 9.2687 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 11.1264, 14.6821, 9.2687

Background



This preview shows how black text looks on a background with the XYZ color 11.1264, 14.6821, 9.2687.



This preview shows how white text looks on a background with the XYZ color 11.1264, 14.6821,

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

11.1264, 14.6821, 9.2687

Protanopia

13.5305, 14.6413, 8.4162

Deuteranopia

14.8035, 14.5175, 9.6114



Tritanopia

13.2201, 14.7079, 19.5949

Trichromacy



Original Color

11.1264, 14.6821, 9.2687

Protanomaly

12.5209, 14.5893, 8.6347

Deuteranomaly

13.2245, 14.4594, 9.4911

Tritanomaly

12.3174, 14.6625, 15.2777

Monochromacy



Original Color

11.1264, 14.6821, 9.2687

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.8051, 13.5137, 12.1114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1264, 14.6821, 9.2687 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, 115, 77)` looks like.

```
.text, #text, p{  
    color:rgb(84, 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(84, 115, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 115, 77) }
```

Border

The CSS property to change the border of an element to XYZ 11.1264, 14.6821, 9.2687 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, 115, 77) }
```


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

```
.border{ border-color:rgb(84, 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(84, 115, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 115, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 115, 77);  
box-shadow:4px 4px 4px 4px rgb(84, 115,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1264, 14.6821, 9.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 115, 77) }
```

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

```
.background{ background-color: rgb(84, 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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