

Converting Colors

XYZ(11.0012, 12.8290, 14.3159)

Have a look what the booklet for
XYZ(11.0012, 12.8290, 14.3159)
contains.

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Color

**XYZ(11.0567, 12.9276,
14.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	546965
RGB	84, 105, 101
RGB Percent	33%, 41%, 40%
CMY	0.6706, 0.5882, 0.6039
CMYK	0.20, 0.00, 0.04, 0.59
HSL	169°, 11%, 37%
HSV	169°, 20%, 41%
XYZ	11.0567, 12.9276, 14.2244
YIQ	98.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

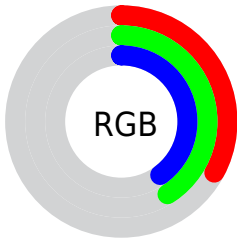
Format	Color
R_{YB}	84, 96, 105
Decimal	5532005
CIE Lab	42.65, -8.74, -0.35
CIE LCh	43, 8.746, 182.321
Yxy	12.9276, 0.2894, 0.3383
Android (android.graphics.Color)	4283722085 (0xFF546965)
YUV	98.2650, 1.3484, -12.5104
Hunter-Lab	35.9550, -8.0297, 1.7123

Details

The XYZ color **11.0567, 12.9276, 14.2244** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7580, 10.0488, 10.6057**, and the grayscale version is **11.6745, 12.2825, 13.3757**.

A 20% lighter version of the original color is **27.3875, 31.1123, 34.2676**, and **2.9782, 3.7045, 4.0481** is the 20% darker color. If you saturate the color by 10%, you get **10.0897, 12.4406, 13.6738**, and if you desaturate by 10%, it is **12.1678, 13.4892, 14.7947**.

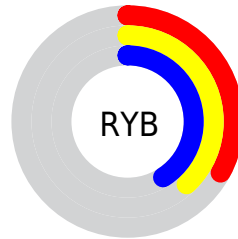
Distribution



Red (33%)

Green (41%)

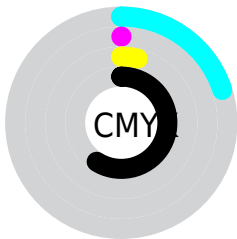
Blue (40%)



Red (33%)

Yellow (38%)

Blue (41%)

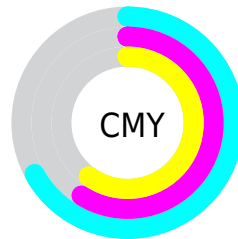


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (59%)



Cyan (67%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0567, 12.9276, 14.2244 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 11.0567, 12.9276, 14.2244 by changing the saturation by 10% instead.

■ 11.0567, 12.9276,
14.2244

■ 11.0567, 12.9276,
14.2244

191.9564,
210.4531, 230.0992

■ 6.1726, 7.3787,
8.1364

■ 27.3970, 31.1737,
34.2095

■ 2.9919, 3.7001,
4.0933

■ 39.5838, 44.6396,
48.9437

■ 1.1495, 1.5072,
1.6767

■ 54.9357, 61.5134,
67.3969

■ 0.0659, 0.2938,
0.3447

■ 73.8178, 82.1793,
89.9879

■ 0.0000, 0.0000,
0.0000

■ 96.5955, 107.0219,
117.1351

123.6343,

136.4255, 149.2570

155.2995,
170.7744, 186.7721

■ 11.0567, 12.9276,
14.2244

■ 11.0567, 12.9276,
14.2244

■ 10.0897, 12.4406,
13.6738

■ 12.1678, 13.4892,
14.7947

■ 9.2594, 12.0235,
13.1417

■ 13.4276, 14.1270,
15.3843

■ 8.5594, 11.6733,
12.6280

■ 14.8422, 14.8442,
15.9938

■ 7.9823, 11.3862,
12.1323

■ 16.4168, 15.6437,
16.6234

■ 7.5202, 11.1581,
11.6541

■ 18.1565, 16.5279,
17.2736

■ 7.1641, 10.9843,
11.1928

■ 20.0659, 17.4993,
17.9446

■ 6.9034, 10.8595,
10.7479

■ 22.1497, 18.5604,
18.6368

■ 6.6913, 10.7595,
10.3172

■ 24.4122, 19.7134,
19.3504

■ 26.8579, 20.9604,
20.0856

Harmonies

Analogous

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



11.1923, 12.9276, 12.4468



11.0567, 12.9276, 14.2244



11.2409, 12.9276, 16.1202

Triad

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



11.0567, 12.9276, 14.2244



12.9818, 12.9276, 17.3932



12.8892, 12.9276, 11.0832

Complementary

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



11.0567, 12.9276, 14.2244



10.7580, 10.0488, 10.6057

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.



13.3967, 12.9276, 12.2122



11.0567, 12.9276, 14.2244



13.4515, 12.9276, 15.8414

Square

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



11.0567, 12.9276, 14.2244



12.3390, 12.9276, 18.0494



13.6060, 12.9276, 13.9286



12.2357, 12.9276, 10.7332

Rectangle

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



11.0567, 12.9276, 14.2244



11.5242, 12.9276, 17.1687



13.6060, 12.9276, 13.9286



13.0833, 12.9276, 11.3789

Sweetspot

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



11.0571, 12.9281, 14.2247



22.6183, 24.5736, 26.8905



10.6957, 12.8283, 10.3001



5.2765, 5.7453, 6.2888



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.0571, 12.9281, 14.2247



18.9545, 22.7228, 25.0030



10.6398, 11.7722, 15.0768



3.1583, 3.4825, 3.8174



8.4595, 13.6179, 12.9967



42.8026, 69.2681, 64.6324

Inverse Universe

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



10.7580, 10.0488, 10.6057



18.3143, 16.5567, 17.2548



11.1079, 11.0068, 9.9268



3.1212, 3.1253, 3.3684



7.5247, 3.8620, 1.1258



38.0925, 19.5789, 4.4236

Previews

White Background



This preview shows how the XYZ color 11.0567, 12.9276, 14.2244 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 11.0567, 12.9276, 14.2244 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 11.0567, 12.9276, 14.2244

Background



This preview shows how black text looks on a background with the XYZ color 11.0567, 12.9276, 14.2244.



This preview shows how white text looks on a background with the XYZ color 11.0567, 12.9276,

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

11.0567, 12.9276, 14.2244

Protanopia

12.3553, 12.8797, 13.3901

Deuteranopia

13.0296, 12.7799, 14.6120



Tritanopia

11.6126, 12.8488, 17.1972

Trichromacy



Original Color

11.0567, 12.9276, 14.2244

Protanomaly

11.8274, 12.8904, 13.6691

Deuteranomaly

12.2110, 12.7830, 14.3941

Tritanomaly

11.4034, 12.9146, 16.0791

Monochromacy



Original Color

11.0567, 12.9276, 14.2244

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4200, 12.5354, 13.6220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0567, 12.9276, 14.2244 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, 105, 101) looks like.

```
.text, #text, p{  
    color:rgb(84, 105, 101)  
}
```

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, 105, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 105, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.0567, 12.9276, 14.2244 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, 105, 101) }
```


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

```
.border{ border-color:rgb(84, 105, 101) }
```

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

Here you see how a box with a 4 pixel rgb(84, 105, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 105, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 105, 101);  
box-shadow:4px 4px 4px 4px rgb(84, 105,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0567, 12.9276, 14.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 105, 101) }
```

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

```
.background{ background-color: rgb(84, 105,  
101) }
```

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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