

Converting Colors

XYZ(11.5403, 14.0542, 7.3966)

Have a look what the booklet for
XYZ(11.5403, 14.0542, 7.3966)
contains.

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Color

**XYZ(11.6261, 14.1538,
7.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	626E43
RGB	98, 110, 67
RGB Percent	38%, 43%, 26%
CMY	0.6157, 0.5686, 0.7372
CMYK	0.11, 0.00, 0.39, 0.57
HSL	77°, 24%, 35%
HSV	77°, 39%, 43%
XYZ	11.6261, 14.1538, 7.4294
YIQ	101.5100, 6.6510, -15.9170

Conversions

Conversions Part 2

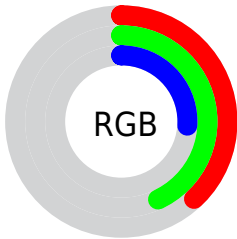
Format	Color
RYB	67, 110, 79
Decimal	6450755
CIELab	44.45, -12.37, 22.50
CIELCh	44, 25.679, 118.802
Yxy	14.1538, 0.3501, 0.4262
Android (android.graphics.Color)	4284640835 (0xFF626E43)
YUV	101.5100, -17.0134, -3.0783
Hunter-Lab	37.6215, -10.6762, 14.6266

Details

The XYZ color **11.6261, 14.1538, 7.4294** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.0466, 6.8027, 15.6416**, and the grayscale version is **12.5436, 13.1969, 14.3714**.

A 20% lighter version of the original color is **28.4671, 33.4912, 21.4871**, and **3.1927, 4.1852, 1.4502** is the 20% darker color. If you saturate the color by 10%, you get **11.0021, 13.8672, 5.8383**, and if you desaturate by 10%, it is **12.3262, 14.4733, 9.3520**.

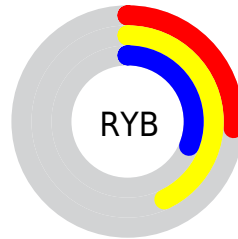
Distribution



Red (38%)

Green (43%)

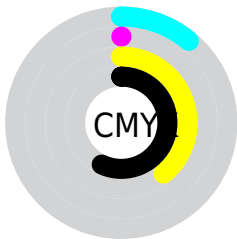
Blue (26%)



Red (26%)

Yellow (43%)

Blue (31%)

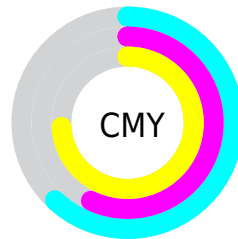


Cyan (11%)

Magenta (0%)

Yellow (39%)

Black (57%)



Cyan (62%)

Magenta (57%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6261, 14.1538, 7.4294 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 11.6261, 14.1538, 7.4294 by changing the saturation by 10% instead.

■ 11.6261, 14.1538,
7.4294

■ 11.6261, 14.1538,
7.4294

195.7349,
218.1855, 180.9496

■ 6.5600, 8.2277,
3.6496

■ 28.4351, 33.3617,
21.3594

■ 3.2324, 4.2410,
1.4351

■ 40.9087, 47.4123,
32.3466

■ 1.2778, 1.8093,
0.1689

■ 56.5821, 64.9398,
46.5734

■ 0.1665, 0.4929,
0.0000

■ 75.8208, 86.3287,
64.4583

■ 0.0000, 0.0000,
0.0000

■ 98.9901, 111.9633,
86.4198

126.4553,

142.2280, 112.8765

158.5818,
177.5073, 144.2469

■ 11.6261, 14.1538,
7.4294

■ 11.6261, 14.1538,
7.4294

■ 11.0021, 13.8672,
5.8383

■ 12.3262, 14.4733,
9.3520

■ 10.4496, 13.6100,
4.5590

■ 13.1048, 14.8253,
11.6225

■ 9.9646, 13.3814,
3.5711

■ 13.9655, 15.2115,
14.2572

■ 9.5428, 13.1795,
2.8516

■ 14.9111, 15.6333,
17.2713

■ 9.1790, 13.0021,
2.3737

■ 15.9447, 16.0918,
20.6789

■ 8.8545, 12.8418,
2.0407

■ 17.0688, 16.5880,
24.4936

■ 8.8257, 12.8276,
2.0108

■ 18.2861, 17.1231,
28.7282

■ 19.5989, 17.6979,
33.3950

■ 21.0097, 18.3136,
38.5058

Harmonies

Analogous

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



13.5361, 14.1538, 6.5977



11.6261, 14.1538, 7.4294



10.3294, 14.1538, 10.2317

Triad

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



11.6261, 14.1538, 7.4294



11.4959, 14.1538, 27.3521



17.8339, 14.1538, 15.6505

Complementary

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



11.6261, 14.1538, 7.4294



8.0466, 6.8027, 15.6416

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.



17.1497, 14.1538, 22.0965



11.6261, 14.1538, 7.4294



13.3698, 14.1538, 29.8348

Square

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



11.6261, 14.1538, 7.4294



10.2598, 14.1538, 21.5761



15.4614, 14.1538, 27.7027



17.2477, 14.1538, 10.5489

Rectangle

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



11.6261, 14.1538, 7.4294



9.9162, 14.1538, 13.3031



15.4614, 14.1538, 27.7027



17.7437, 14.1538, 17.7307

Sweetspot

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



11.6265, 14.1544, 7.4297



24.0208, 26.4874, 23.4717



10.2017, 9.2360, 6.5554



5.5587, 6.1498, 5.3662



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.6265, 14.1544, 7.4297



19.4079, 24.3924, 10.4653



9.6528, 13.1370, 7.3373



3.5555, 3.8717, 3.6333



10.5730, 15.3943, 2.4141



51.7995, 76.2377, 11.9852

Inverse Universe

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



8.0466, 6.8027, 15.6416



12.1645, 9.5043, 27.1006



10.0740, 7.8479, 15.7365



3.2970, 3.3414, 4.2254



4.0228, 1.6833, 17.8345



19.2996, 8.0037, 88.8068

Previews

White Background



This preview shows how the XYZ color 11.6261, 14.1538, 7.4294 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 11.6261, 14.1538, 7.4294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

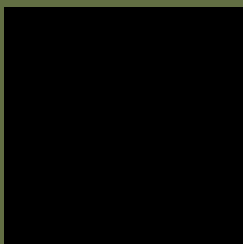
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.6261, 14.1538, 7.4294

Background



This preview shows how black text looks on a background with the XYZ color 11.6261, 14.1538, 7.4294.



This preview shows how white text looks on a background with the XYZ color 11.6261, 14.1538,

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

11.6261, 14.1538, 7.4294

Protanopia

13.0759, 14.1296, 7.0391

Deuteranopia

14.2355, 13.9796, 7.5783



Tritanopia

13.7411, 14.2385, 17.6468

Trichromacy



Original Color

11.6261, 14.1538, 7.4294

Protanomaly

12.5477, 14.1599, 7.2261

Deuteranomaly

13.1962, 14.0310, 7.4816

Tritanomaly

12.8485, 14.1847, 13.1271

Monochromacy



Original Color

11.6261, 14.1538, 7.4294

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.2216, 13.5911, 11.4304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6261, 14.1538, 7.4294 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(98, 110, 67) looks like.

```
.text, #text, p{  
    color:rgb(98, 110, 67)  
}
```

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(98, 110, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 110, 67) }
```

Border

The CSS property to change the border of an element to XYZ 11.6261, 14.1538, 7.4294 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(98, 110, 67) }
```


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

```
.border{ border-color:rgb(98, 110, 67) }
```

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

Here you see how a box with a 4 pixel rgb(98, 110, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 110, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 110, 67);  
box-shadow:4px 4px 4px 4px rgb(98, 110,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6261, 14.1538, 7.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 110, 67) }
```

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

```
.background{ background-color: rgb(98, 110,  
67) }
```

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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