

Converting Colors

XYZ(11.9458, 14.1237, 12.2927)

Have a look what the booklet for
XYZ(11.9458, 14.1237, 12.2927)
contains.

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Color

**XYZ(11.9146, 14.0371,
12.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6D5C
RGB	93, 109, 92
RGB Percent	36%, 43%, 36%
CMY	0.6353, 0.5725, 0.6392
CMYK	0.15, 0.00, 0.16, 0.57
HSL	116°, 8%, 39%
HSV	116°, 16%, 43%
XYZ	11.9146, 14.0371, 12.2067
YIQ	102.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

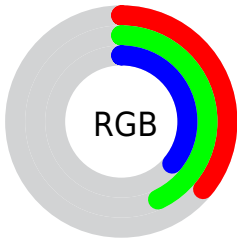
Format	Color
R _Y B	92, 109, 108
Decimal	6122844
CIE Lab	44.29, -9.62, 7.50
CIE LCh	44, 12.199, 142.034
Yxy	14.0371, 0.3122, 0.3679
Android (android.graphics.Color)	4284312924 (0xFF5D6D5C)
YUV	102.2780, -5.0671, -8.1368
Hunter-Lab	37.4661, -8.8009, 6.9092

Details

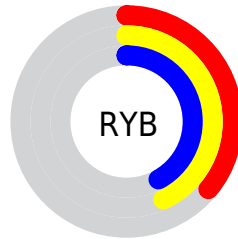
The XYZ color **11.9146, 14.0371, 12.2067** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7723, 11.9470, 16.1015**, and the grayscale version is **12.7160, 13.3782, 14.5688**.

A 20% lighter version of the original color is **28.9550, 33.2824, 30.4892**, and **3.3342, 4.1391, 3.2080** is the 20% darker color. If you saturate the color by 10%, you get **10.5024, 13.3606, 9.8297**, and if you desaturate by 10%, it is **13.5355, 14.8140, 14.9520**.

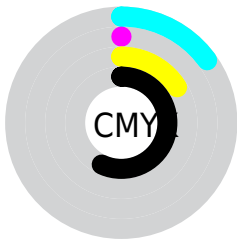
Distribution



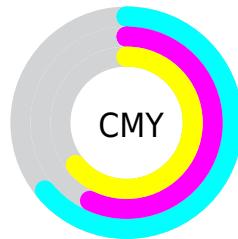
- Red (36%)
- Green (43%)
- Blue (36%)



- Red (36%)
- Yellow (43%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9146, 14.0371, 12.2067 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 11.9146, 14.0371, 12.2067 by changing the saturation by 10% instead.

■ 11.9146, 14.0371,
12.2067

■ 11.9146, 14.0371,
12.2067

197.6206,
217.4615, 216.7952

■ 6.7573, 8.1465,
6.7604

■ 28.9577, 33.1548,
30.5410

■ 3.3558, 4.1888,
3.2365

■ 41.5742, 47.1507,
44.2661

■ 1.3446, 1.7797,
1.2166

■ 57.4079, 64.6172,
61.5878

■ 0.2162, 0.4745,
0.0000

■ 76.8240, 85.9386,
82.9247

■ 0.0000, 0.0000,
0.0000

100.1880,
111.4993, 108.6954

127.8652,

141.6838, 139.3183

160.2209,
176.8764, 175.2121

■ 11.9146, 14.0371,
12.2067

■ 11.9146, 14.0371,
12.2067

■ 10.5024, 13.3606,
9.8297

■ 13.5355, 14.8140,
14.9520

■ 9.2893, 12.7788,
7.8046

■ 15.3719, 15.6934,
18.0794

■ 8.2667, 12.2880,
6.1148

■ 17.4317, 16.6794,
21.6030

■ 7.4250, 11.8836,
4.7422

■ 19.7221, 17.7755,
25.5361

■ 6.7535, 11.5605,
3.6672

■ 22.2499, 18.9848,
29.8911

■ 6.2407, 11.3133,
2.8676

■ 25.0217, 20.3106,
34.6803

■ 5.8734, 11.1358,
2.3184

■ 28.0437, 21.7558,
39.9150

■ 5.6322, 11.0189,
1.9678

■ 31.3221, 23.3233,
45.6065

■ 5.5491, 10.9791,
1.8267

■ 34.8627, 25.0159,
51.7654

Harmonies

Analogous

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



12.6492, 14.0371, 10.8187



11.9146, 14.0371, 12.2067



11.5661, 14.0371, 14.5503

Triad

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



11.9146, 14.0371, 12.2067



13.0831, 14.0371, 21.2570



15.1605, 14.0371, 13.3527

Complementary

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



11.9146, 14.0371, 12.2067



12.7723, 11.9470, 16.1015

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.



15.2906, 14.0371, 16.0420



11.9146, 14.0371, 12.2067



14.0593, 14.0371, 20.8348

Square

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



11.9146, 14.0371, 12.2067



12.2189, 14.0371, 19.9313



14.8787, 14.0371, 18.8394



14.5315, 14.0371, 11.4219

Rectangle

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



11.9146, 14.0371, 12.2067



11.5872, 14.0371, 16.4337



14.8787, 14.0371, 18.8394



15.2653, 14.0371, 14.1892

Sweetspot

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



11.9150, 14.0377, 12.2070



24.3786, 26.5938, 27.0143



13.5875, 14.7216, 12.2509



5.6354, 6.1705, 6.2225



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.



11.9150, 14.0377, 12.2070



20.2971, 24.6384, 20.1078



12.1524, 14.1211, 13.9820



3.0790, 3.4525, 3.3216



6.4826, 12.8371, 2.1361



32.7792, 65.2804, 10.8727

Inverse Universe

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



12.7723, 11.9470, 16.1015



22.1693, 20.0722, 28.6131



12.5144, 11.8579, 14.1049



3.2009, 3.1553, 3.8752



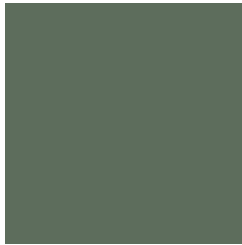
9.7091, 4.6323, 17.3046



49.2140, 23.4704, 88.1626

Previews

White Background



This preview shows how the XYZ color 11.9146, 14.0371, 12.2067 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 11.9146, 14.0371, 12.2067 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 11.9146, 14.0371, 12.2067

Background



This preview shows how black text looks on a background with the XYZ color 11.9146, 14.0371, 12.2067.



This preview shows how white text looks on a background with the XYZ color 11.9146, 14.0371,

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

11.9146, 14.0371, 12.2067

Protanopia

13.2262, 13.9538, 11.6691

Deuteranopia

14.2818, 14.0375, 12.5464



Tritanopia

13.1211, 14.0644, 17.9427

Trichromacy



Original Color

11.9146, 14.0371, 12.2067

Protanomaly

12.7513, 14.0065, 11.9290

Deuteranomaly

13.3565, 14.0059, 12.3554

Tritanomaly

12.6831, 14.0428, 15.6777

Monochromacy



Original Color

11.9146, 14.0371, 12.2067

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.4018, 13.6376, 13.5340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9146, 14.0371, 12.2067 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(93, 109, 92) looks like.

```
.text, #text, p{  
    color:rgb(93, 109, 92)  
}
```

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(93, 109, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 109, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.9146, 14.0371, 12.2067 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(93, 109, 92) }
```


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

```
.border{ border-color:rgb(93, 109, 92) }
```

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

Here you see how a box with a 4 pixel rgb(93, 109, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 109, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 109, 92);  
box-shadow:4px 4px 4px 4px rgb(93, 109,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9146, 14.0371, 12.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 109, 92) }
```

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

```
.background{ background-color: rgb(93, 109,  
92) }
```

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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