

Converting Colors

XYZ(13.9960, 13.8409, 11.9667)

Have a look what the booklet for
XYZ(13.9960, 13.8409, 11.9667)
contains.

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Color

**XYZ(14.0567, 13.9316,
12.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	76655C
RGB	118, 101, 92
RGB Percent	46%, 40%, 36%
CMY	0.5373, 0.6039, 0.6392
CMYK	0.00, 0.14, 0.22, 0.54
HSL	21°, 12%, 41%
HSV	21°, 22%, 46%
XYZ	14.0567, 13.9316, 12.0734
YIQ	105.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

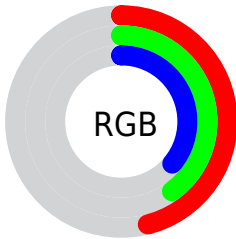
Format	Color
R_{YB}	118, 106, 92
Decimal	7759196
CIE _{Lab}	44.13, 5.21, 7.60
CIE _{LCh}	44, 9.213, 55.538
Yxy	13.9316, 0.3509, 0.3478
Android (android.graphics.Color)	4285949276 (0xFF76655C)
YUV	105.0570, -6.4371, 11.3510
Hunter-Lab	37.3251, 1.9046, 6.9492

Details

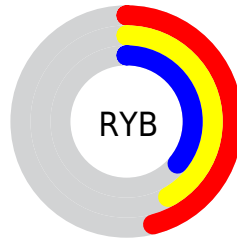
The XYZ color **14.0567, 13.9316, 12.0734** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1523, 14.5204, 19.2493**, and the grayscale version is **13.4574, 14.1582, 15.4183**.

A 20% lighter version of the original color is **32.6883, 32.9555, 30.2294**, and **4.2666, 4.1008, 3.1514** is the 20% darker color. If you saturate the color by 10%, you get **12.8664, 12.3132, 9.3269**, and if you desaturate by 10%, it is **15.3984, 15.7241, 15.2672**.

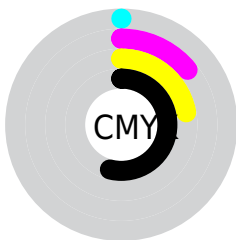
Distribution



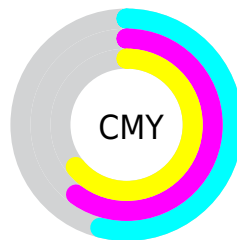
- Red (46%)
- Green (40%)
- Blue (36%)



- Red (46%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0567, 13.9316, 12.0734 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 14.0567, 13.9316, 12.0734 by changing the saturation by 10% instead.

■ 14.0567, 13.9316,
12.0734

■ 14.0567, 13.9316,
12.0734

211.0868,
216.8049, 215.8857

■ 8.2421, 8.0731,
6.6705

■ 32.7750, 32.9676,
30.2951

■ 4.3033, 4.1418,
3.1816

■ 46.4094, 46.9139,
43.9510

■ 1.8751, 1.7532,
1.1881

■ 63.3812, 64.3250,
61.1951

■ 0.5623, 0.4577,
0.0000

■ 84.0555, 85.5851,
82.4458

■ 0.0000, 0.0000,
0.0000

108.7979,
111.0788, 108.1216

137.9737,

141.1904, 138.6412

171.9482,
176.3043, 174.4231

■ 14.0567, 13.9316,
12.0734

■ 14.0567, 13.9316,
12.0734

■ 12.8664, 12.3132,
9.3269

■ 15.3984, 15.7241,
15.2672

■ 11.8208, 10.8616,
7.0066

■ 16.8958, 17.6939,
18.9263

■ 10.9143, 9.5718,
5.0912

■ 18.5543, 19.8464,
23.0688

■ 10.1404, 8.4380,
3.5568

■ 20.3786, 22.1864,
27.7115

■ 9.4920, 7.4536,
2.3773

■ 22.3735, 24.7183,
32.8706

■ 8.9613, 6.6119,
1.5232

■ 24.5432, 27.4466,
38.5612

■ 8.5394, 5.9053,
0.9597

■ 26.8922, 30.3753,
44.7981

■ 8.2593, 5.4275,
0.6123

■ 29.4243, 33.5086,
51.5954

■ 32.1438, 36.8504,
58.9667

Harmonies

Analogous

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



14.5569, 13.9316, 13.4918



14.0567, 13.9316, 12.0734



13.3517, 13.9316, 11.4843

Triad

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



14.0567, 13.9316, 12.0734



11.8832, 13.9316, 14.8567



13.8596, 13.9316, 19.1181

Complementary

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



14.0567, 13.9316, 12.0734



13.1523, 14.5204, 19.2493

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.



13.1320, 13.9316, 19.5683



14.0567, 13.9316, 12.0734



12.0080, 13.9316, 16.9801

Square

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



14.0567, 13.9316, 12.0734



12.1112, 13.9316, 12.9941



12.4586, 13.9316, 18.7534



14.4402, 13.9316, 17.5743

Rectangle

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



14.0567, 13.9316, 12.0734



12.8669, 13.9316, 11.5973



12.4586, 13.9316, 18.7534



13.6234, 13.9316, 19.4081

Sweetspot

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



14.0571, 13.9322, 12.0737



28.3198, 29.2912, 29.8666



14.0769, 12.6174, 16.2559



6.4877, 6.7036, 6.8094



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.



14.0571, 13.9322, 12.0737



23.7184, 23.1465, 18.9054



15.3830, 16.5841, 12.5157



3.7781, 3.8891, 3.8938



8.9243, 5.8498, 0.6588



42.7582, 27.0450, 2.9666

Inverse Universe

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



13.1523, 14.5204, 19.2493



21.8537, 24.3563, 33.6864



11.8972, 12.0102, 18.8309



3.6817, 3.9520, 4.6590



6.4079, 7.1555, 19.5860



30.4038, 33.2243, 95.1708

Previews

White Background



This preview shows how the XYZ color 14.0567, 13.9316, 12.0734 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 14.0567, 13.9316, 12.0734 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 14.0567, 13.9316, 12.0734

Background



This preview shows how black text looks on a background with the XYZ color 14.0567, 13.9316, 12.0734.



This preview shows how white text looks on a background with the XYZ color 14.0567, 13.9316,

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

14.0567, 13.9316, 12.0734

Protanopia

13.2774, 13.9600, 12.5844

Deuteranopia

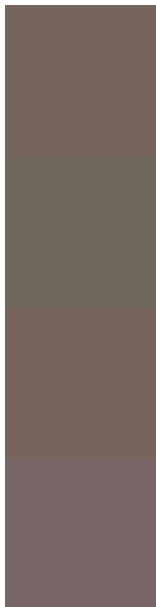
14.1932, 14.0020, 12.0798



Tritanopia

14.8614, 13.9783, 15.8247

Trichromacy



Original Color

14.0567, 13.9316, 12.0734

Protanomaly

13.5081, 13.9356, 12.3338

Deuteranomaly

14.1932, 14.0020, 12.0798

Tritanomaly

14.5632, 13.9956, 14.5042

Monochromacy



Original Color

14.0567, 13.9316, 12.0734

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6810, 14.1357, 14.0640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0567, 13.9316, 12.0734 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(118, 101, 92)` looks like.

```
.text, #text, p{  
    color:rgb(118, 101, 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(118, 101, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 101, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.0567, 13.9316, 12.0734 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(118, 101, 92) }
```


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

```
.border{ border-color:rgb(118, 101, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 101, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 101, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 101, 92);  
box-shadow:4px 4px 4px 4px rgb(118, 101,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0567, 13.9316, 12.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 101, 92) }
```

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

```
.background{ background-color: rgb(118,  
101, 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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