

Converting Colors

XYZ(13.9666, 15.6276, 11.6520)

Have a look what the booklet for
XYZ(13.9666, 15.6276, 11.6520)
contains.

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Color

**XYZ(13.9040, 15.5608,
11.7219)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7059
RGB	109, 112, 89
RGB Percent	43%, 44%, 35%
CMY	0.5725, 0.5608, 0.6510
CMYK	0.03, 0.00, 0.21, 0.56
HSL	68°, 11%, 39%
HSV	68°, 21%, 44%
XYZ	13.9040, 15.5608, 11.7219
YIQ	108.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

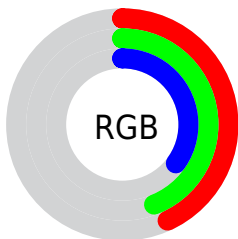
Format	Color
RYB	89, 112, 92
Decimal	7172185
CIELab	46.39, -5.48, 12.43
CIElCh	46, 13.586, 113.795
Yxy	15.5608, 0.3376, 0.3778
Android (android.graphics.Color)	4285362265 (0xFF6D7059)
YUV	108.4810, -9.6041, 0.4552
Hunter-Lab	39.4472, -6.1164, 9.9947

Details

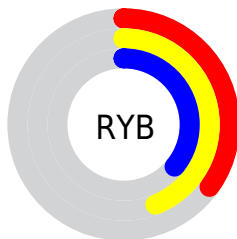
The XYZ color **13.9040, 15.5608, 11.7219** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9112, 10.5903, 16.7991**, and the grayscale version is **14.4145, 15.1652, 16.5149**.

A 20% lighter version of the original color is **32.6336, 35.9921, 29.6533**, and **4.1939, 4.8333, 2.9974** is the 20% darker color. If you saturate the color by 10%, you get **13.2908, 15.2954, 9.4221**, and if you desaturate by 10%, it is **14.5926, 15.8577, 14.3995**.

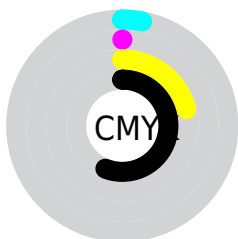
Distribution



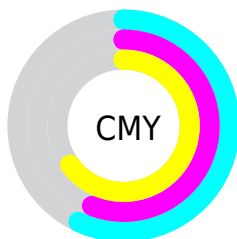
- Red (43%)
- Green (44%)
- Blue (35%)



- Red (35%)
- Yellow (44%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (56%)



- Cyan (57%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9040, 15.5608, 11.7219 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 13.9040, 15.5608, 11.7219 by changing the saturation by 10% instead.

■ 13.9040, 15.5608,
11.7219

■ 13.9040, 15.5608,
11.7219

210.1554,
226.7360, 213.4676

■ 8.1352, 9.2139,
6.4344

■ 32.5063, 35.8340,
29.6444

■ 4.2341, 4.8810,
3.0379

■ 46.0705, 50.5292,
43.1164

■ 1.8354, 2.1776,
1.1140

■ 62.9638, 68.7758,
60.1536

■ 0.5389, 0.7077,
0.0000

■ 83.5517, 90.9584,
81.1747

■ 0.0000, 0.0000,
0.0000

■ 108.1994,
117.4613, 106.5981

137.2723,

148.6690, 136.8423

171.1359,
184.9657, 172.3260

■ 13.9040, 15.5608,
11.7219

■ 13.9040, 15.5608,
11.7219

■ 13.2908, 15.2954,
9.4221

■ 14.5926, 15.8577,
14.3995

■ 12.7486, 15.0583,
7.4822

■ 15.3584, 16.1853,
17.4697

■ 12.2742, 14.8486,
5.8841

■ 16.2046, 16.5455,
20.9480

■ 11.8639, 14.6649,
4.6079

■ 17.1341, 16.9393,
24.8485

■ 11.5134, 14.5055,
3.6318

■ 18.1493, 17.3677,
29.1848

■ 11.2182, 14.3685,
2.9311

■ 19.2528, 17.8318,
33.9697

■ 10.9727, 14.2517,
2.4771

■ 20.4468, 18.3325,
39.2157

■ 10.7651, 14.1514,
2.1641

■ 21.7338, 18.8707,
44.9347

■ 23.1158, 19.4473,
51.1381

Harmonies

Analogous

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



15.0337, 15.5608, 11.3289



13.9040, 15.5608, 11.7219



13.0541, 15.5608, 13.4271

Triad

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



13.9040, 15.5608, 11.7219



13.5052, 15.5608, 22.6689



17.1322, 15.5608, 17.6464

Complementary

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



13.9040, 15.5608, 11.7219



10.9112, 10.5903, 16.7991

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.



16.6735, 15.5608, 21.0248



13.9040, 15.5608, 11.7219



14.5491, 15.5608, 24.1598

Square

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



13.9040, 15.5608, 11.7219



12.8325, 15.5608, 19.6674



15.7130, 15.5608, 23.5218



16.9373, 15.5608, 14.4827

Rectangle

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



13.9040, 15.5608, 11.7219



12.7404, 15.5608, 15.2140



15.7130, 15.5608, 23.5218



17.0486, 15.5608, 18.7984

Sweetspot

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



13.9044, 15.5615, 11.7222



26.2063, 28.1018, 27.5706



12.2855, 11.7660, 11.0749



6.2811, 6.7450, 6.5643



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.9044, 15.5615, 11.7222



23.8577, 27.0906, 18.4431



12.6151, 14.8968, 11.6619



3.6011, 3.8952, 3.6354



12.4312, 16.3522, 2.5011



61.4104, 81.1922, 12.4350

Inverse Universe

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



10.9112, 10.5903, 16.7991



17.5156, 16.5562, 29.2023



12.1121, 11.2094, 16.8553



3.2544, 3.3194, 4.2234



3.5887, 1.4595, 17.8142



17.4472, 7.0487, 88.7201

Previews

White Background



This preview shows how the XYZ color 13.9040, 15.5608, 11.7219 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 13.9040, 15.5608, 11.7219 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

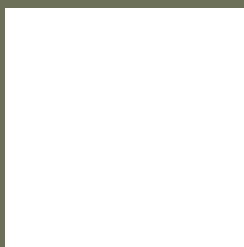
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9040, 15.5608, 11.7219

Background



This preview shows how black text looks on a background with the XYZ color 13.9040, 15.5608, 11.7219.



This preview shows how white text looks on a background with the XYZ color 13.9040, 15.5608,

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

13.9040, 15.5608, 11.7219

Protanopia

14.6735, 15.6383, 11.4776

Deuteranopia

15.7519, 15.5583, 11.8457



Tritanopia

15.3835, 15.5202, 19.0145

Trichromacy



Original Color

13.9040, 15.5608, 11.7219

Protanomaly

14.3853, 15.6509, 11.4953

Deuteranomaly

14.9538, 15.4564, 11.8681

Tritanomaly

14.8046, 15.4436, 16.1105

Monochromacy



Original Color

13.9040, 15.5608, 11.7219

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.0019, 15.0650, 14.4818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9040, 15.5608, 11.7219 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(109, 112, 89)` looks like.

```
.text, #text, p{  
    color:rgb(109, 112, 89)  
}
```

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(109, 112, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 112, 89) }
```

Border

The CSS property to change the border of an element to XYZ 13.9040, 15.5608, 11.7219 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(109, 112, 89) }
```


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

```
.border{ border-color:rgb(109, 112, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 112, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 112, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 112, 89);  
box-shadow:4px 4px 4px 4px rgb(109, 112,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9040, 15.5608, 11.7219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 112, 89) }
```

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

```
.background{ background-color: rgb(109,  
112, 89) }
```

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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