

Converting Colors

XYZ(13.4041, 15.9809, 15.1070)

Have a look what the booklet for
XYZ(13.4041, 15.9809, 15.1070)
contains.

XYZ(13.4129, 15.9030, 15.1946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.4129, 15.9030,
15.1946)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7467
RGB	95, 116, 103
RGB Percent	37%, 45%, 40%
CMY	0.6274, 0.5451, 0.5961
CMYK	0.18, 0.00, 0.11, 0.55
HSL	143°, 10%, 41%
HSV	143°, 18%, 45%
XYZ	13.4129, 15.9030, 15.1946
YIQ	108.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

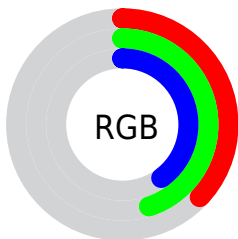
Format	Color
R_{YB}	95, 110, 116
Decimal	6255719
CIE Lab	46.85, -10.58, 4.62
CIE LCh	47, 11.542, 156.413
Yxy	15.9030, 0.3013, 0.3573
Android (android.graphics.Color)	4284445799 (0xFF5F7467)
YUV	108.2390, -2.5828, -11.6106
Hunter-Lab	39.8786, -9.7502, 5.3242

Details

The XYZ color **13.4129, 15.9030, 15.1946** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0020, 12.9805, 15.9556**, and the grayscale version is **14.3301, 15.0763, 16.4181**.

A 20% lighter version of the original color is **31.6894, 36.4493, 35.9371**, and **3.9999, 5.0481, 4.5050** is the 20% darker color. If you saturate the color by 10%, you get **11.9515, 15.1899, 13.3248**, and if you desaturate by 10%, it is **15.0857, 16.7223, 17.2366**.

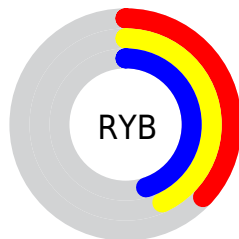
Distribution



Red (37%)

Green (45%)

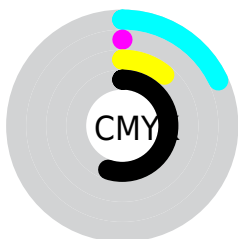
Blue (40%)



Red (37%)

Yellow (43%)

Blue (45%)

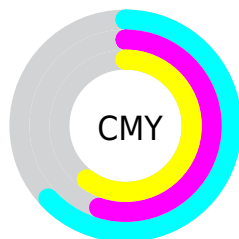


Cyan (18%)

Magenta (0%)

Yellow (11%)

Black (55%)



Cyan (63%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4129, 15.9030, 15.1946 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 13.4129, 15.9030, 15.1946 by changing the saturation by 10% instead.

■ 13.4129, 15.9030,
15.1946

■ 13.4129, 15.9030,
15.1946

207.1318,
228.7687, 236.2223

■ 7.7924, 9.4555,
8.8079

■ 31.6387, 36.4297,
35.9413

■ 4.0131, 5.0395,
4.5210

■ 44.9747, 51.2778,
51.1385

■ 1.7096, 2.2705,
1.9153

■ 61.6132, 69.6948,
70.1095

■ 0.4622, 0.7580,
0.5024

■ 81.9197, 92.0652,
93.2730

■ 0.0000, 0.0000,
0.0000

106.2594,
118.7735, 121.0475

134.9978,

150.2038, 153.8515

168.5001,
186.7408, 192.1036

■ 13.4129, 15.9030,
15.1946

■ 13.4129, 15.9030,
15.1946

■ 11.9515, 15.1899,
13.3248

■ 15.0857, 16.7223,
17.2366

■ 10.6913, 14.5767,
11.6218

■ 16.9766, 17.6500,
19.4540

■ 9.6237, 14.0593,
10.0811

■ 19.0939, 18.6907,
21.8514

■ 8.7384, 13.6326,
8.6980

■ 21.4449, 19.8479,
24.4327

■ 8.0246, 13.2911,
7.4674

■ 24.0365, 21.1254,
27.2018

■ 7.4698, 13.0285,
6.3838

■ 26.8755, 22.5263,
30.1623

■ 7.0601, 12.8378,
5.4416

■ 29.9683, 24.0541,
33.3180

■ 6.7575, 12.6993,
4.6335

■ 33.3211, 25.7118,
36.6725

■ 6.7039, 12.6747,
4.4946

■ 36.9399, 27.5023,
40.2290

Harmonies

Analogous

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



13.9972, 15.9030, 13.2335



13.4129, 15.9030, 15.1946



13.2755, 15.9030, 17.9411

Triad

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



13.4129, 15.9030, 15.1946



15.3322, 15.9030, 23.4170



16.7241, 15.9030, 14.2344

Complementary

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



13.4129, 15.9030, 15.1946



14.0020, 12.9805, 15.9556

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.



17.1178, 15.9030, 16.7049



13.4129, 15.9030, 15.1946



16.2915, 15.9030, 22.1613

Square

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



13.4129, 15.9030, 15.1946



14.3553, 15.9030, 22.8979



16.9560, 15.9030, 19.6255



15.9017, 15.9030, 12.7235

Rectangle

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



13.4129, 15.9030, 15.1946



13.4501, 15.9030, 19.8956



16.9560, 15.9030, 19.6255



16.9126, 15.9030, 14.9690

Sweetspot

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



13.4133, 15.9037, 15.1950



27.4657, 29.8586, 31.4255



14.5325, 16.5248, 13.2503



6.5094, 7.1021, 7.4462



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.



13.4133, 15.9037, 15.1950



22.3882, 27.3735, 25.2083



13.9572, 16.1212, 18.0587



3.6930, 4.1192, 4.2173



7.5143, 14.2197, 4.9984



36.2288, 69.1388, 22.3080

Inverse Universe

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



14.0020, 12.9805, 15.9556



23.6389, 21.1617, 26.8235



13.4903, 12.7758, 13.2610



3.7703, 3.7354, 4.3172



9.3795, 4.6855, 7.2066



45.2804, 22.6623, 32.8696

Previews

White Background



This preview shows how the XYZ color 13.4129, 15.9030, 15.1946 looks on a white background.

Color Contrast Check

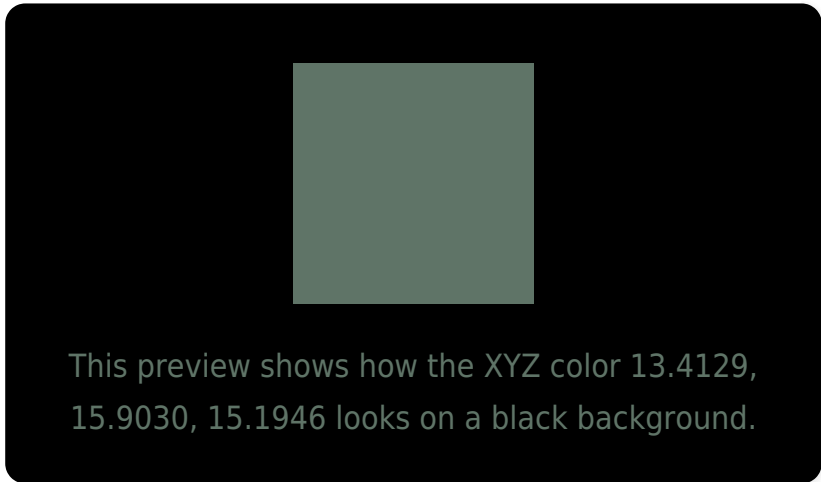
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.4129, 15.9030, 15.1946

Background



This preview shows how black text looks on a background with the XYZ color 13.4129, 15.9030, 15.1946.



This preview shows how white text looks on a background with the XYZ color 13.4129, 15.9030,

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

13.4129, 15.9030, 15.1946

Protanopia

14.9464, 15.7168, 14.3025

Deuteranopia

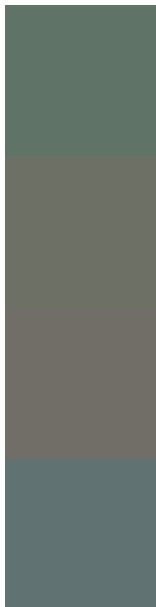
16.1197, 15.8204, 15.5686



Tritanopia

14.4550, 15.8121, 20.7025

Trichromacy



Original Color

13.4129, 15.9030, 15.1946

Protanomaly

14.3275, 15.7161, 14.5903

Deuteranomaly

14.8847, 15.6620, 15.3353

Tritanomaly

14.0416, 15.8138, 18.5320

Monochromacy



Original Color

13.4129, 15.9030, 15.1946

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.8795, 15.2931, 15.8560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4129, 15.9030, 15.1946 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(95, 116, 103) looks like.

```
.text, #text, p{  
    color:rgb(95, 116, 103)  
}
```

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(95, 116, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 116, 103) }
```

Border

The CSS property to change the border of an element to XYZ 13.4129, 15.9030, 15.1946 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(95, 116, 103) }
```


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

```
.border{ border-color:rgb(95, 116, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 116, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 116, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 116, 103);  
box-shadow:4px 4px 4px 4px rgb(95, 116,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4129, 15.9030, 15.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 116, 103) }
```

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

```
.background{ background-color: rgb(95, 116,  
103) }
```

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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