

Converting Colors

XYZ(13.4533, 15.5845, 8.2212)

Have a look what the booklet for
XYZ(13.4533, 15.5845, 8.2212)
contains.

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Color

**XYZ(13.4729, 15.5802,
8.2584)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7147
RGB	110, 113, 71
RGB Percent	43%, 44%, 28%
CMY	0.5686, 0.5569, 0.7216
CMYK	0.03, 0.00, 0.37, 0.56
HSL	64°, 23%, 36%
HSV	64°, 37%, 44%
XYZ	13.4729, 15.5802, 8.2584
YIQ	107.3150, 11.6940, -13.6980

Conversions

Conversions Part 2

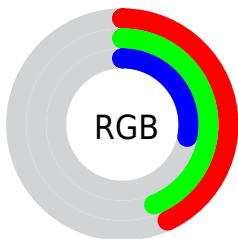
Format	Color
RYB	71, 113, 74
Decimal	7237959
CIELab	46.42, -8.34, 22.96
CIELCh	46, 24.429, 109.974
Yxy	15.5802, 0.3611, 0.4176
Android (android.graphics.Color)	4285428039 (0xFF6E7147)
YUV	107.3150, -17.9033, 2.3547
Hunter-Lab	39.4718, -8.1482, 15.2254

Details

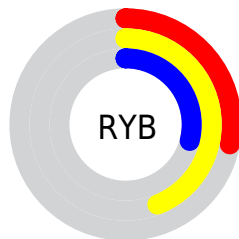
The XYZ color **13.4729, 15.5802, 8.2584** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.0585, 7.1549, 16.5800**, and the grayscale version is **14.1089, 14.8437, 16.1647**.

A 20% lighter version of the original color is **31.7456, 35.9477, 23.0347**, and **4.0012, 4.8473, 1.7020** is the 20% darker color. If you saturate the color by 10%, you get **13.0436, 15.3975, 6.5182**, and if you desaturate by 10%, it is **13.9714, 15.7918, 10.3547**.

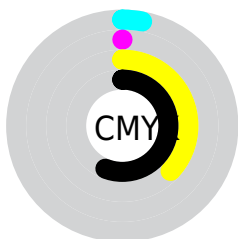
Distribution



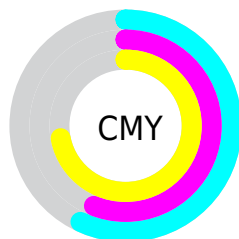
- Red (43%)
- Green (44%)
- Blue (28%)



- Red (28%)
- Yellow (44%)
- Blue (29%)



- Cyan (3%)
- Magenta (0%)
- Yellow (37%)
- Black (56%)



- Cyan (57%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4729, 15.5802, 8.2584 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 13.4729, 15.5802, 8.2584 by changing the saturation by 10% instead.

■ 13.4729, 15.5802,
8.2584

■ 13.4729, 15.5802,
8.2584

207.5035,
226.8517, 187.7546

■ 7.8342, 9.2276,
4.1706

■ 31.7449, 35.8679,
23.0180

■ 4.0400, 4.8899,
1.7194

■ 45.1090, 50.5717,
34.5268

■ 1.7248, 2.1828,
0.3740

■ 61.7789, 68.8281,
49.3464

■ 0.4717, 0.7106,
0.0000

■ 82.1200, 91.0214,
67.8953

■ 0.0000, 0.0000,
0.0000

■ 106.4977,
117.5360, 90.5920

135.2772,

148.7563, 117.8551

168.8241,
185.0667, 150.1031

■ 13.4729, 15.5802,
8.2584

■ 13.4729, 15.5802,
8.2584

■ 13.0436, 15.3975,
6.5182

■ 13.9714, 15.7918,
10.3547

■ 12.6785, 15.2400,
5.1132

■ 14.5414, 16.0316,
12.8242

■ 12.3740, 15.1068,
4.0223

■ 15.1864, 16.3015,
15.6843

■ 12.1254, 14.9961,
3.2211

■ 15.9096, 16.6027,
18.9509

■ 11.9274, 14.9058,
2.6819

■ 16.7137, 16.9364,
22.6390

■ 11.7667, 14.8305,
2.3343

■ 17.6015, 17.3038,
26.7630

■ 11.7223, 14.8096,
2.2407

■ 18.5755, 17.7057,
31.3363

■ 19.6383, 18.1432,
36.3721

■ 20.7923, 18.6173,
41.8827

Harmonies

Analogous

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



15.5219, 15.5802, 7.9417



13.4729, 15.5802, 8.2584



11.9295, 15.5802, 10.5664

Triad

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



13.4729, 15.5802, 8.2584



12.3628, 15.5802, 27.4372



19.1464, 15.5802, 19.0559

Complementary

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



13.4729, 15.5802, 8.2584



8.0585, 7.1549, 16.5800

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.



18.1171, 15.5802, 25.5312



13.4729, 15.5802, 8.2584



14.1173, 15.5802, 31.0723

Square

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



13.4729, 15.5802, 8.2584



11.3317, 15.5802, 21.2243



16.2296, 15.5802, 30.3026



18.9323, 15.5802, 13.3160

Rectangle

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



13.4729, 15.5802, 8.2584



11.3328, 15.5802, 13.3077



16.2296, 15.5802, 30.3026



18.9308, 15.5802, 21.2357

Sweetspot

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



13.4733, 15.5809, 8.2587



26.6994, 28.9831, 25.8847



10.3833, 8.8369, 7.1199



6.1481, 6.6916, 5.8684



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.



13.4733, 15.5809, 8.2587



23.4247, 27.6000, 11.9453



11.1821, 14.3997, 8.1515



3.6195, 3.9047, 3.6363



13.2895, 16.7947, 2.5413



65.8943, 83.5038, 12.6448

Inverse Universe

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



8.0585, 7.1549, 16.5800



12.1528, 10.0545, 29.2757



9.9329, 8.1213, 16.6677



3.2377, 3.3108, 4.2226



3.4883, 1.4077, 17.8095



17.0861, 6.8626, 88.7032

Previews

White Background



This preview shows how the XYZ color 13.4729, 15.5802, 8.2584 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 13.4729, 15.5802, 8.2584 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 13.4729, 15.5802, 8.2584

Background



This preview shows how black text looks on a background with the XYZ color 13.4729, 15.5802, 8.2584.



This preview shows how white text looks on a background with the XYZ color 13.4729, 15.5802,

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

13.4729, 15.5802, 8.2584

Protanopia

14.4272, 15.5871, 8.0426

Deuteranopia

15.7699, 15.4897, 8.4620



Tritanopia

15.5852, 15.6309, 18.7186

Trichromacy



Original Color

13.4729, 15.5802, 8.2584

Protanomaly

13.9924, 15.5241, 8.0533

Deuteranomaly

14.8444, 15.4781, 8.3361

Tritanomaly

14.6862, 15.5827, 14.2903

Monochromacy



Original Color

13.4729, 15.5802, 8.2584

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.6734, 14.9336, 12.7515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4729, 15.5802, 8.2584 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(110, 113, 71)` looks like.

```
.text, #text, p{  
    color:rgb(110, 113, 71)  
}
```

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(110, 113, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 113, 71) }
```

Border

The CSS property to change the border of an element to XYZ 13.4729, 15.5802, 8.2584 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(110, 113, 71) }
```


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

```
.border{ border-color:rgb(110, 113, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 113, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 113, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 113, 71);  
box-shadow:4px 4px 4px 4px rgb(110, 113,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4729, 15.5802, 8.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 113, 71) }
```

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

```
.background{ background-color: rgb(110,  
113, 71) }
```

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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