

Converting Colors

XYZ(13.1469, 16.7479, 2.5398)

Have a look what the booklet for
XYZ(13.1469, 16.7479, 2.5398)
contains.

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Color

**XYZ(13.1469, 16.7479,
2.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7800
RGB	110, 120, 0
RGB Percent	43%, 47%, 0%
CMY	0.5686, 0.5294, 1.0000
CMYK	0.08, 0.00, 1.00, 0.53
HSL	65°, 100%, 24%
HSV	65°, 100%, 47%
XYZ	13.1469, 16.7479, 2.5398
YIQ	103.3300, 32.5600, -39.4400

Conversions

Conversions Part 2

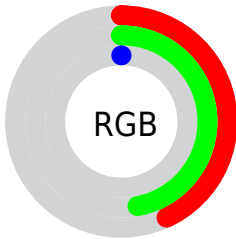
Format	Color
RYB	0, 120, 10
Decimal	7239680
CIELab	47.94, -17.02, 53.10
CIELCh	48, 55.761, 107.778
Yxy	16.7479, 0.4053, 0.5164
Android (android.graphics.Color)	4285429760 (0xFF6E7800)
YUV	103.3300, -50.9417, 5.8496
Hunter-Lab	40.9242, -14.2742, 24.9673

Details

The XYZ color **13.1469, 16.7479, 2.5398** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.5158, 1.4209, 17.8592**, and the grayscale version is **13.1052, 13.7877, 15.0148**.

A 20% lighter version of the original color is **31.1950, 37.8745, 10.5169**, and **4.0623, 5.5343, 0.8541** is the 20% darker color. If you saturate the color by 10%, you get **13.1471, 16.7486, 2.5399**, and if you desaturate by 10%, it is **13.3388, 16.8398, 2.8955**.

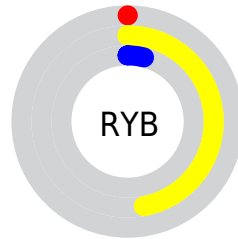
Distribution



Red (43%)

Green (47%)

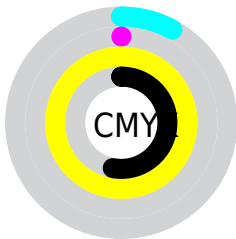
Blue (0%)



Red (0%)

Yellow (47%)

Blue (4%)

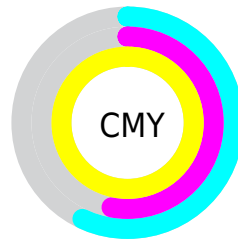


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (57%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.1469, 16.7479, 2.5398 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 13.1469, 16.7479, 2.5398 by changing the saturation by 10% instead.


 13.1469, 16.7479,
2.5398


 13.1469, 16.7479,
2.5398


205.4756,
233.7154, 130.2643


 7.6075, 10.0549,
0.8611


 31.1665, 37.8918,
10.4700


 3.8945, 5.4354,
0.0000

 44.3774, 53.1115,
17.5623


 1.6426, 2.5049,
0.0000

 60.8762, 71.9423,
27.2974

 0.4199, 0.8791,
0.0000


 81.0282, 94.7685,
40.0939


 0.0000, 0.0000,
0.0000


 105.1988,
121.9745, 56.3703


 133.7533,


153.9447, 76.5451


 167.0571,
191.0635, 101.0370


 13.1469, 16.7479,
2.5398


 13.1469, 16.7479,
2.5398


 13.1471, 16.7486,
2.5399

 13.3388, 16.8398,
2.8955

 13.5640, 16.9444,
3.4204

 13.8456, 17.0719,
4.2353

 14.1902, 17.2247,
5.3742

 14.6032, 17.4050,
6.8663

■ 15.0896, 17.6148,
8.7375

■ 15.6540, 17.8560,
11.0113

■ 16.3003, 18.1302,
13.7095

■ 17.0324, 18.4388,
16.8520

Harmonies

Analogous

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



18.0527, 16.7479, 2.3578



13.1469, 16.7479, 2.5398



9.7819, 16.7479, 5.2450

Triad

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



13.1469, 16.7479, 2.5398



10.2683, 16.7479, 47.3604



27.3514, 16.7479, 24.7434

Complementary

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



13.1469, 16.7479, 2.5398



3.5158, 1.4209, 17.8592

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.



24.1989, 16.7479, 43.8672



13.1469, 16.7479, 2.5398



13.9593, 16.7479, 60.8503

Square

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



13.1469, 16.7479, 2.5398



8.3767, 16.7479, 28.0559



19.0543, 16.7479, 59.3135



27.0052, 16.7479, 11.0247

Rectangle

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



13.1469, 16.7479, 2.5398



8.5448, 16.7479, 9.6447



19.0543, 16.7479, 59.3135



26.6422, 16.7479, 30.8304

Sweetspot

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



13.1473, 16.7487, 2.5401



27.4525, 31.3705, 19.0438



7.8548, 4.2106, 0.3990



6.4228, 7.3990, 4.1746



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.1473, 16.7487, 2.5401



23.0687, 29.4287, 4.4645



8.0326, 14.1120, 2.3008



4.2764, 4.6178, 4.2904



14.3364, 18.2679, 2.7704



68.0378, 86.9602, 13.1990

Inverse Universe

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



3.5158, 1.4209, 17.8592



6.1282, 2.4704, 31.4069



5.9166, 2.6586, 17.9716



3.8258, 3.9081, 4.9959



3.8289, 1.5466, 19.4820



17.9523, 7.2168, 92.9166

Previews

White Background



This preview shows how the XYZ color 13.1469, 16.7479, 2.5398 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 13.1469, 16.7479, 2.5398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

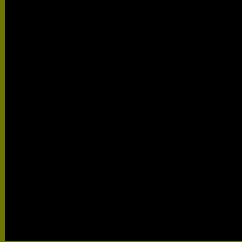
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.1469, 16.7479, 2.5398

Background



This preview shows how black text looks on a background with the XYZ color 13.1469, 16.7479, 2.5398.



This preview shows how white text looks on a background with the XYZ color 13.1469, 16.7479,

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

13.1469, 16.7479, 2.5398

Protanopia

14.9194, 16.6238, 2.4224

Deuteranopia

16.9904, 16.7049, 2.9907



Tritanopia

16.7921, 16.8663, 20.1398

Trichromacy



Original Color

13.1469, 16.7479, 2.5398

Protanomaly

14.1305, 16.5557, 2.4508

Deuteranomaly

15.3825, 16.5229, 2.7593

Tritanomaly

14.6377, 16.4963, 9.2501

Monochromacy



Original Color

13.1469, 16.7479, 2.5398

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.3959, 14.3948, 7.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1469, 16.7479, 2.5398 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, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 120, 0)  
}
```

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, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 120, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.1469, 16.7479, 2.5398 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, 120, 0) }
```


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

```
.border{ border-color:rgb(110, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 120,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1469, 16.7479, 2.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 120, 0) }
```

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

```
.background{ background-color: rgb(110,  
120, 0) }
```

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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