

Converting Colors

XYZ(13.9511, 17.1364, 2.5726)

Have a look what the booklet for
XYZ(13.9511, 17.1364, 2.5726)
contains.

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Color

**XYZ(13.9189, 17.1459,
2.5759)**

Conversions

Conversions Part 1

Format	Color
Hex	747800
RGB	116, 120, 0
RGB Percent	45%, 47%, 0%
CMY	0.5451, 0.5294, 1.0000
CMYK	0.03, 0.00, 1.00, 0.53
HSL	62°, 100%, 24%
HSV	62°, 100%, 47%
XYZ	13.9189, 17.1459, 2.5759
YIQ	105.1240, 36.1360, -38.1680

Conversions

Conversions Part 2

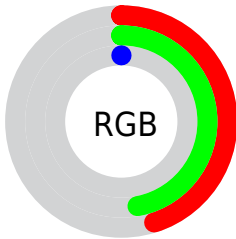
Format	Color
RYB	0, 120, 4
Decimal	7632896
CIELab	48.44, -14.23, 53.69
CIELCh	48, 55.547, 104.839
Yxy	17.1459, 0.4138, 0.5097
Android (android.graphics.Color)	4285822976 (0xFF747800)
YUV	105.1240, -51.8261, 9.5383
Hunter-Lab	41.4076, -12.4617, 25.2970

Details

The XYZ color **13.9189, 17.1459, 2.5759** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.4407, 1.3822, 17.8558**, and the grayscale version is **13.5908, 14.2986, 15.5712**.

A 20% lighter version of the original color is **32.4725, 38.5331, 10.5766**, and **4.4317, 5.7247, 0.8714** is the 20% darker color. If you saturate the color by 10%, you get **13.9192, 17.1467, 2.5760**, and if you desaturate by 10%, it is **14.0390, 17.2007, 2.9282**.

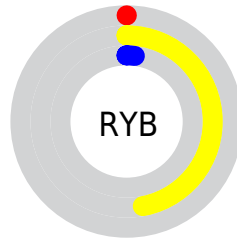
Distribution



Red (45%)

Green (47%)

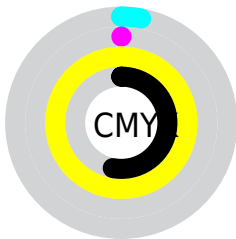
Blue (0%)



Red (0%)

Yellow (47%)

Blue (2%)

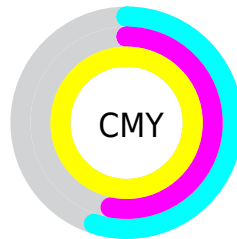


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9189, 17.1459, 2.5759 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 13.9189, 17.1459, 2.5759 by changing the saturation by 10% instead.

■ 13.9189, 17.1459,
2.5759

■ 13.9189, 17.1459,
2.5759

210.2464,
236.0118, 130.7610

■ 8.1456, 10.3386,
0.8800

■ 32.5325, 38.5765,
10.5627

■ 4.2408, 5.6240,
0.0000

■ 46.1036, 53.9685,
17.6930

■ 1.8393, 2.6178,
0.0000

■ 63.0046, 72.9908,
27.4728

■ 0.5412, 0.9356,
0.0000


■ 83.6009, 96.0280,
40.3204


■ 0.0000, 0.0000,
0.0000


■ 108.2579,
123.4642, 56.6545


■ 137.3409,


155.6840, 76.8936


 171.2153,
193.0717, 101.4563


 13.9189, 17.1459,
2.5759


 13.9189, 17.1459,
2.5759


 13.9192, 17.1467,
2.5760

 14.0390, 17.2007,
2.9282

 14.1911, 17.2678,
3.4497

 14.3985, 17.3570,
4.2611

 14.6677, 17.4709,
5.3965

 15.0041, 17.6117,
6.8849

■ 15.4128, 17.7815,
8.7524

■ 15.8981, 17.9819,
11.0226

■ 16.4643, 18.2147,
13.7169

■ 17.1150, 18.4814,
16.8556

Harmonies

Analogous

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



18.9897, 17.1459, 2.5868



13.9189, 17.1459, 2.5759



10.3293, 17.1459, 5.0212

Triad

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



13.9189, 17.1459, 2.5759



10.3006, 17.1459, 46.1894



27.6716, 17.1459, 26.9912

Complementary

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



13.9189, 17.1459, 2.5759



3.4407, 1.3822, 17.8558

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.



24.2081, 17.1459, 46.3937



13.9189, 17.1459, 2.5759



13.8711, 17.1459, 60.8323

Square

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



13.9189, 17.1459, 2.5759



8.5551, 17.1459, 26.7969



18.9309, 17.1459, 60.9221



27.6919, 17.1459, 12.3772

Rectangle

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



13.9189, 17.1459, 2.5759



8.9526, 17.1459, 9.1154



18.9309, 17.1459, 60.9221



26.8440, 17.1459, 33.2833

Sweetspot

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



13.9193, 17.1467, 2.5763



27.8923, 31.5972, 19.0643



7.7897, 4.0803, 0.3772



6.5383, 7.4586, 4.1801



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.



13.9193, 17.1467, 2.5763



24.4571, 30.1444, 4.5294



8.3481, 14.2747, 2.3155



4.2952, 4.6274, 4.2913



15.1818, 18.7037, 2.8100



72.2694, 89.1417, 13.3971

Inverse Universe

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



3.4407, 1.3822, 17.8558



6.0277, 2.4186, 31.4022



5.5052, 2.4465, 17.9524



3.8089, 3.8993, 4.9951



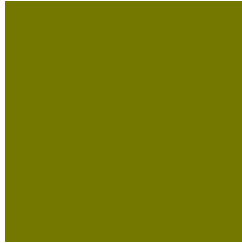
3.7507, 1.5063, 19.4784



17.7475, 7.1112, 92.9070

Previews

White Background



This preview shows how the XYZ color 13.9189, 17.1459, 2.5759 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 13.9189, 17.1459, 2.5759 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 13.9189, 17.1459, 2.5759

Background



This preview shows how black text looks on a background with the XYZ color 13.9189, 17.1459, 2.5759.



This preview shows how white text looks on a background with the XYZ color 13.9189, 17.1459,

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

13.9189, 17.1459, 2.5759

Protanopia

15.3367, 17.0073, 2.4744

Deuteranopia

17.2632, 17.0040, 2.9883



Tritanopia

17.4965, 17.2295, 20.1728

Trichromacy



Original Color

13.9189, 17.1459, 2.5759

Protanomaly

14.8187, 17.0826, 2.5162

Deuteranomaly

15.8030, 16.9051, 2.7779

Tritanomaly

15.3204, 16.8482, 9.2820

Monochromacy



Original Color

13.9189, 17.1459, 2.5759

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.8957, 14.8083, 7.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9189, 17.1459, 2.5759 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(116, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(116, 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(116, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 120, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.9189, 17.1459, 2.5759 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(116, 120, 0) }
```


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

```
.border{ border-color:rgb(116, 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(116, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(116, 120,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9189, 17.1459, 2.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 120, 0) }
```

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

```
.background{ background-color: rgb(116,  
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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