

Converting Colors

XYZ(10.7587, 14.8649, 2.6373)

Have a look what the booklet for
XYZ(10.7587, 14.8649, 2.6373)
contains.

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Color

**XYZ(10.7254, 14.7926,
2.6378)**

Conversions

Conversions Part 1

Format	Color
Hex	5C740C
RGB	92, 116, 12
RGB Percent	36%, 45%, 5%
CMY	0.6392, 0.5451, 0.9529
CMYK	0.21, 0.00, 0.90, 0.55
HSL	74°, 81%, 25%
HSV	74°, 90%, 45%
XYZ	10.7254, 14.7926, 2.6378
YIQ	96.9680, 19.0800, -37.4320

Conversions

Conversions Part 2

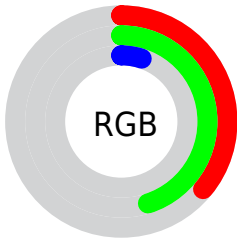
Format	Color
R_{YB}	12, 116, 36
Decimal	6059020
CIE _{Lab}	45.35, -22.82, 47.90
CIE _{LCh}	45, 53.060, 115.469
Yxy	14.7926, 0.3809, 0.5254
Android (android.graphics.Color)	4284249100 (0xFF5C740C)
YUV	96.9680, -41.8892, -4.3569
Hunter-Lab	38.4611, -17.5299, 22.8565

Details

The XYZ color **10.7254, 14.7926, 2.6378** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.0120, 1.8993, 16.6790**, and the grayscale version is **11.4513, 12.0477, 13.1199**.

A 20% lighter version of the original color is **26.7231, 34.4424, 10.7084**, and **3.0220, 4.6265, 0.7337** is the 20% darker color. If you saturate the color by 10%, you get **10.3988, 14.6321, 2.2879**, and if you desaturate by 10%, it is **11.0924, 14.9714, 3.1480**.

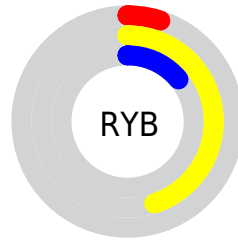
Distribution



Red (36%)

Green (45%)

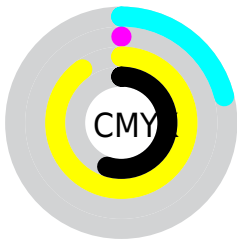
Blue (5%)



Red (5%)

Yellow (45%)

Blue (14%)

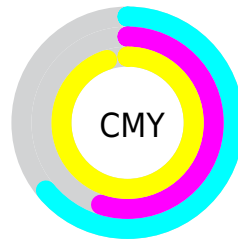


Cyan (21%)

Magenta (0%)

Yellow (90%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7254, 14.7926, 2.6378 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 10.7254, 14.7926, 2.6378 by changing the saturation by 10% instead.

■ 10.7254, 14.7926,
2.6378

■ 10.7254, 14.7926,
2.6378

189.7213,
222.1074, 131.6047

■ 5.9484, 8.6740,
0.9119

■ 26.7887, 34.4889,
10.7208

■ 2.8541, 4.5291,
0.0000

■ 38.8058, 48.8354,
17.9159

■ 1.0771, 1.9737,
0.0000

■ 53.9669, 66.6933,
27.7714

■ 0.0058, 0.5921,
0.0000


■ 72.6375, 88.4469,
40.7059


■ 0.0000, 0.0000,
0.0000


■ 95.1829, 114.4808,
57.1380


■ 121.9684,


145.1792, 77.4861


 153.3594,
180.9266, 102.1688


 10.7254, 14.7926,
2.6378


 10.7254, 14.7926,
2.6378


 10.3988, 14.6321,
2.2879


 11.0924, 14.9714,
3.1480

 10.3875, 14.6266,
2.2757

 11.5198, 15.1749,
3.9282

 12.0140, 15.4062,
5.0095

 12.5801, 15.6675,
6.4186

 13.2227, 15.9604,
8.1794

■ 13.9460, 16.2868,
10.3133

■ 14.7538, 16.6482,
12.8402

■ 15.6498, 17.0459,
15.7784

■ 16.6372, 17.4815,
19.1453

Harmonies

Analogous

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



14.7392, 14.7926, 2.0125



10.7254, 14.7926, 2.6378



8.1765, 14.7926, 5.9034

Triad

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



10.7254, 14.7926, 2.6378



9.7874, 14.7926, 45.4641



24.2972, 14.7926, 18.0983

Complementary

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



10.7254, 14.7926, 2.6378



4.0120, 1.8993, 16.6790

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.



22.2484, 14.7926, 34.1237



10.7254, 14.7926, 2.6378



13.4019, 14.7926, 54.3672

Square

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



10.7254, 14.7926, 2.6378



7.7195, 14.7926, 28.9401



18.0225, 14.7926, 49.3967



23.1687, 14.7926, 7.7701

Rectangle

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



10.7254, 14.7926, 2.6378



7.3554, 14.7926, 10.7584



18.0225, 14.7926, 49.3967



23.9471, 14.7926, 22.9858

Sweetspot

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



10.7257, 14.7933, 2.6381



24.7806, 28.7479, 18.9458



7.8568, 4.9149, 0.8826



5.8269, 6.8201, 4.2605



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.



10.7257, 14.7933, 2.6381



18.1444, 25.6508, 3.9948



7.2455, 12.9991, 2.4752



3.8880, 4.2257, 3.9530



11.6402, 16.4051, 2.5530



55.9492, 79.5446, 12.4048

Inverse Universe

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



4.0120, 1.8993, 16.6790



6.2251, 2.5691, 29.2123



7.1715, 3.5281, 16.8268



3.5725, 3.6269, 4.6020



4.0235, 1.6655, 18.6520



18.9659, 7.7858, 90.8635

Previews

White Background



This preview shows how the XYZ color 10.7254, 14.7926, 2.6378 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 10.7254, 14.7926, 2.6378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

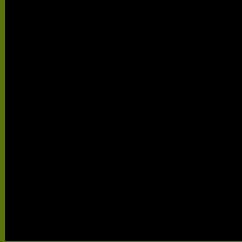
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7254, 14.7926, 2.6378

Background



This preview shows how black text looks on a background with the XYZ color 10.7254, 14.7926, 2.6378.



This preview shows how white text looks on a background with the XYZ color 10.7254, 14.7926,

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

10.7254, 14.7926, 2.6378

Protanopia

13.1867, 14.5979, 2.3524

Deuteranopia

14.9079, 14.7196, 2.9196



Tritanopia

13.9944, 14.8109, 18.6442

Trichromacy



Original Color

10.7254, 14.7926, 2.6378

Protanomaly

12.0556, 14.4866, 2.4192

Deuteranomaly

12.9917, 14.4878, 2.7735

Tritanomaly

12.0966, 14.5156, 9.3720

Monochromacy



Original Color

10.7254, 14.7926, 2.6378

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.6530, 12.7269, 7.0493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7254, 14.7926, 2.6378 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(92, 116, 12)` looks like.

```
.text, #text, p{  
    color:rgb(92, 116, 12)  
}
```

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(92, 116, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 116, 12) }
```

Border

The CSS property to change the border of an element to XYZ 10.7254, 14.7926, 2.6378 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(92, 116, 12) }
```


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

```
.border{ border-color:rgb(92, 116, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 116, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 116, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 116, 12);  
box-shadow:4px 4px 4px 4px rgb(92, 116,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7254, 14.7926, 2.6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 116, 12) }
```

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

```
.background{ background-color: rgb(92, 116,  
12) }
```

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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