

Converting Colors

XYZ(10.6914, 15.4553, 2.4197)

Have a look what the booklet for
XYZ(10.6914, 15.4553, 2.4197)
contains.

XYZ(10.7410, 15.5076, 2.4272)	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(10.7410, 15.5076,
2.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	587800
RGB	88, 120, 0
RGB Percent	35%, 47%, 0%
CMY	0.6549, 0.5294, 1.0000
CMYK	0.27, 0.00, 1.00, 0.53
HSL	76°, 100%, 24%
HSV	76°, 100%, 47%
XYZ	10.7410, 15.5076, 2.4272
YIQ	96.7520, 19.4480, -44.1040

Conversions

Conversions Part 2

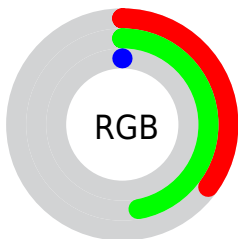
Format	Color
RYB	0, 120, 32
Decimal	5797888
CIELab	46.32, -26.89, 51.16
CIELCh	46, 57.801, 117.728
Yxy	15.5076, 0.3746, 0.5408
Android (android.graphics.Color)	4283987968 (0xFF587800)
YUV	96.7520, -47.6987, -7.6755
Hunter-Lab	39.3797, -20.2277, 23.9114

Details

The XYZ color **10.7410, 15.5076, 2.4272** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3.9864, 1.6636, 17.8811**, and the grayscale version is **11.4119, 12.0063, 13.0748**.

A 20% lighter version of the original color is **26.8051, 35.6147, 10.1642**, and **2.9808, 4.8815, 0.7851** is the 20% darker color. If you saturate the color by 10%, you get **10.7411, 15.5082, 2.4273**, and if you desaturate by 10%, it is **11.1174, 15.6945, 2.7915**.

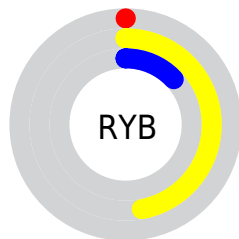
Distribution



Red (35%)

Green (47%)

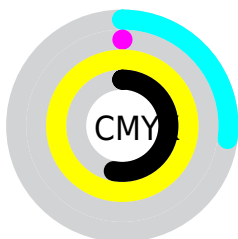
Blue (0%)



Red (0%)

Yellow (47%)

Blue (13%)

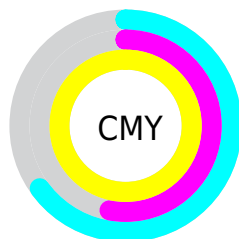


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7410, 15.5076, 2.4272 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 10.7410, 15.5076, 2.4272 by changing the saturation by 10% instead.

■ 10.7410, 15.5076,
2.4272

■ 10.7410, 15.5076,
2.4272

189.8271,
226.4184, 128.6928

■ 5.9590, 9.1764,
0.8012

■ 26.8174, 35.7412,
10.1789

■ 2.8606, 4.8564,
0.0000

■ 38.8426, 50.4125,
17.1507

■ 1.0805, 2.1633,
0.0000

■ 54.0127, 68.6325,
26.7445

■ 0.0087, 0.6999,
0.0000

■ 72.6934, 90.7857,
39.3789


■ 0.0000, 0.0000,
0.0000


■ 95.2497, 117.2565,
55.4723


■ 122.0473,


148.4293, 75.4435


 153.4513,
184.6884, 99.7108


 10.7410, 15.5076,
2.4272


 10.7410, 15.5076,
2.4272


 10.7411, 15.5082,
2.4273

 11.1174, 15.6945,
2.7915

 11.5391, 15.9005,
3.3256

 12.0295, 16.1356,
4.1503

 12.5952, 16.4023,
5.2995

 13.2419, 16.7031,
6.8025

■ 13.9747, 17.0400,
8.6852

■ 14.7982, 17.4148,
10.9712

■ 15.7166, 17.8292,
13.6820

■ 16.7340, 18.2849,
16.8379

Harmonies

Analogous

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



15.1199, 15.5076, 1.6704



10.7410, 15.5076, 2.4272



8.0695, 15.5076, 6.1146

Triad

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



10.7410, 15.5076, 2.4272



10.2206, 15.5076, 51.9929



26.4372, 15.5076, 17.9885

Complementary

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



10.7410, 15.5076, 2.4272



3.9864, 1.6636, 17.8811

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.



24.3367, 15.5076, 36.0135



10.7410, 15.5076, 2.4272



14.3655, 15.5076, 61.3701

Square

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



10.7410, 15.5076, 2.4272



7.8197, 15.5076, 33.0015



19.6244, 15.5076, 54.3129



24.8674, 15.5076, 7.1153

Rectangle

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



10.7410, 15.5076, 2.4272



7.2601, 15.5076, 11.7303



19.6244, 15.5076, 54.3129



26.1285, 15.5076, 23.3644

Sweetspot

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



10.7414, 15.5083, 2.4275



25.9130, 30.5768, 18.9717



8.2628, 5.0267, 0.5350



6.0206, 7.1917, 4.1558



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.



10.7414, 15.5083, 2.4275



18.7610, 27.2079, 4.2629



7.1959, 13.6806, 2.2616



4.2084, 4.5827, 4.2872



11.7036, 16.9107, 2.6472



54.9888, 80.2332, 12.5883

Inverse Universe

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



3.9864, 1.6636, 17.8811



6.8966, 2.8665, 31.4429



7.8045, 3.6318, 18.0598



3.8887, 3.9405, 4.9988



4.3361, 1.8081, 19.5058



19.9794, 8.2618, 93.0114

Previews

White Background



This preview shows how the XYZ color 10.7410, 15.5076, 2.4272 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 10.7410, 15.5076, 2.4272 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 10.7410, 15.5076, 2.4272

Background



This preview shows how black text looks on a background with the XYZ color 10.7410, 15.5076, 2.4272.



This preview shows how white text looks on a background with the XYZ color 10.7410, 15.5076,

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

10.7410, 15.5076, 2.4272

Protanopia

13.8881, 15.4369, 2.2476

Deuteranopia

15.5764, 15.3618, 2.9032



Tritanopia

14.3299, 15.5971, 20.0246

Trichromacy



Original Color

10.7410, 15.5076, 2.4272

Protanomaly

12.5729, 15.4141, 2.3126

Deuteranomaly

13.4009, 15.1766, 2.6385

Tritanomaly

12.1546, 15.2162, 9.1339

Monochromacy



Original Color

10.7410, 15.5076, 2.4272

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.5372, 12.8306, 6.4786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7410, 15.5076, 2.4272 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(88, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(88, 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(88, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 120, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.7410, 15.5076, 2.4272 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(88, 120, 0) }
```


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

```
.border{ border-color:rgb(88, 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(88, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(88, 120, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7410, 15.5076, 2.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 120, 0) }
```

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

```
.background{ background-color: rgb(88, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor