

Converting Colors

XYZ(15.6315, 19.3553, 4.7649)

Have a look what the booklet for
XYZ(15.6315, 19.3553, 4.7649)
contains.

XYZ(15.5470, 19.2406, 4.7281)	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(15.5470, 19.2406,
4.7281)**

Conversions

Conversions Part 1

Format	Color
Hex	777F26
RGB	119, 127, 38
RGB Percent	47%, 50%, 15%
CMY	0.5333, 0.5019, 0.8510
CMYK	0.06, 0.00, 0.70, 0.50
HSL	65°, 54%, 32%
HSV	65°, 70%, 50%
XYZ	15.5470, 19.2406, 4.7281
YIQ	114.4620, 23.8010, -29.3750

Conversions

Conversions Part 2

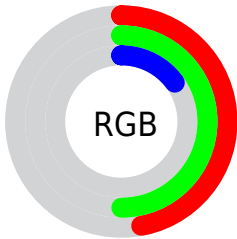
Format	Color
RYB	38, 127, 46
Decimal	7831334
CIELab	50.97, -15.21, 45.16
CIELCh	51, 47.655, 108.608
Yxy	19.2406, 0.3934, 0.4869
Android (android.graphics.Color)	4286021414 (0xFF777F26)
YUV	114.4620, -37.6958, 3.9798
Hunter-Lab	43.8641, -13.4954, 24.3140

Details

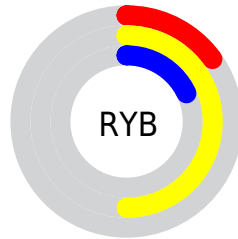
The XYZ color **15.5470, 19.2406, 4.7281** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.6512, 3.4998, 20.4575**, and the grayscale version is **16.2386, 17.0843, 18.6048**.

A 20% lighter version of the original color is **35.3580, 42.2480, 15.7423**, and **5.0391, 6.6421, 1.0165** is the 20% darker color. If you saturate the color by 10%, you get **15.2205, 19.0927, 3.8200**, and if you desaturate by 10%, it is **15.9463, 19.4192, 6.0056**.

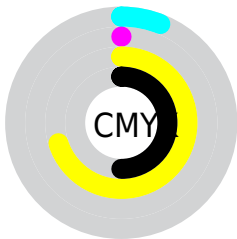
Distribution



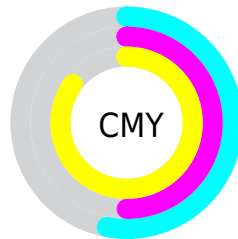
- Red (47%)
- Green (50%)
- Blue (15%)



- Red (15%)
- Yellow (50%)
- Blue (18%)



- Cyan (6%)
- Magenta (0%)
- Yellow (70%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5470, 19.2406, 4.7281 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 15.5470, 19.2406, 4.7281 by changing the saturation by 10% instead.

■ 15.5470, 19.2406,
4.7281

■ 15.5470, 19.2406,
4.7281

■ 219.9769,
247.7738, 156.0037

■ 9.2930, 11.8443,
2.0327

■ 35.3738, 42.1403,
15.6569

■ 4.9914, 6.6377,
0.5753

■ 49.6773, 58.4124,
24.7274

■ 2.2769, 3.2366,
0.0000

■ 67.3947, 78.4119,
36.7600

■ 0.7828, 1.2565,
0.0000

■ 88.8912, 102.5231,
52.1733

■ 0.0000, 0.1071,
0.0000

■ 114.5324,
131.1306, 71.3858

■ 0.0000, 0.0000,
0.0000

■ 144.6835,

164.6186, 94.8160

179.7099,
203.3715, 122.8824

■ 15.5470, 19.2406,
4.7281

■ 15.5470, 19.2406,
4.7281

■ 15.2205, 19.0927,
3.8200

■ 15.9463, 19.4192,
6.0056

■ 14.9579, 18.9699,
3.2406

■ 16.4234, 19.6285,
7.6850

■ 14.7369, 18.8641,
2.8644

■ 16.9844, 19.8716,
9.7968

■ 17.6347, 20.1506,
12.3681

■ 18.3788, 20.4673,
15.4238

■ 19.2212, 20.8236,
18.9870

■ 20.1659, 21.2210,
23.0795

■ 21.2170, 21.6612,
27.7214

■ 22.3780, 22.1456,
32.9323

Harmonies

Analogous

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



20.1356, 19.2406, 4.4217



15.5470, 19.2406, 4.7281



12.2994, 19.2406, 8.0529

Triad

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



15.5470, 19.2406, 4.7281



12.9287, 19.2406, 47.0578



28.6813, 19.2406, 26.5025

Complementary

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



15.5470, 19.2406, 4.7281



5.6512, 3.4998, 20.4575

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.



25.9590, 19.2406, 43.2082



15.5470, 19.2406, 4.7281



16.5563, 19.2406, 58.0553

Square

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



15.5470, 19.2406, 4.7281



10.9766, 19.2406, 30.3650



21.3327, 19.2406, 56.4041



28.2848, 19.2406, 13.7147

Rectangle

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



15.5470, 19.2406, 4.7281



11.0840, 19.2406, 12.8411



21.3327, 19.2406, 56.4041



28.0840, 19.2406, 31.9072

Sweetspot

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



15.5474, 19.2415, 4.7285



32.7102, 36.5652, 26.7861



10.0572, 6.5612, 2.5703



7.5845, 8.5295, 5.9657



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.5474, 19.2415, 4.7285



26.9635, 34.0533, 6.1598



10.8481, 16.8189, 4.5086



4.6284, 5.0004, 4.6414



14.8612, 19.0236, 2.8887



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.6512, 3.4998, 20.4575



8.0792, 3.9382, 36.2906



8.7328, 5.0884, 20.6017



4.1420, 4.2288, 5.4112



4.0077, 1.6197, 20.3514



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5470, 19.2406, 4.7281 looks on a white 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

Black Background



This preview shows how the XYZ color 15.5470, 19.2406, 4.7281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

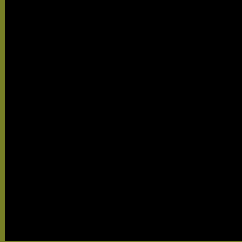
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.5470, 19.2406, 4.7281

Background



This preview shows how black text looks on a background with the XYZ color 15.5470, 19.2406, 4.7281.



This preview shows how white text looks on a background with the XYZ color 15.5470, 19.2406,

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

15.5470, 19.2406, 4.7281

Protanopia

17.4468, 19.2869, 4.5535

Deuteranopia

19.4975, 19.1040, 4.8503



Tritanopia

19.2455, 19.2642, 23.1261

Trichromacy



Original Color

15.5470, 19.2406, 4.7281

Protanomaly

16.7475, 19.2947, 4.5918

Deuteranomaly

17.8123, 18.9292, 4.8127

Tritanomaly

17.3373, 19.0304, 13.5859

Monochromacy



Original Color

15.5470, 19.2406, 4.7281

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4790, 17.5785, 11.3813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5470, 19.2406, 4.7281 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(119, 127, 38)` looks like.

```
.text, #text, p{  
    color:rgb(119, 127, 38)  
}
```

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(119, 127, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 127, 38) }
```

Border

The CSS property to change the border of an element to XYZ 15.5470, 19.2406, 4.7281 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(119, 127, 38) }
```


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

```
.border{ border-color:rgb(119, 127, 38) }
```

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

Here you see how a box with a 4 pixel rgb(119, 127, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 127, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 127, 38);  
box-shadow:4px 4px 4px 4px rgb(119, 127,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5470, 19.2406, 4.7281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 127, 38) }
```

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

```
.background{ background-color: rgb(119,  
127, 38) }
```

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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