

Converting Colors

XYZ(11.6035, 15.7169, 10.2869)

Have a look what the booklet for
XYZ(11.6035, 15.7169, 10.2869)
contains.

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Color

**XYZ(11.5950, 15.7764,
10.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	517851
RGB	81, 120, 81
RGB Percent	32%, 47%, 32%
CMY	0.6824, 0.5294, 0.6823
CMYK	0.33, 0.00, 0.33, 0.53
HSL	120°, 19%, 39%
HSV	120°, 33%, 47%
XYZ	11.5950, 15.7764, 10.2186
YIQ	103.8930, -10.7250, -20.3970

Conversions

Conversions Part 2

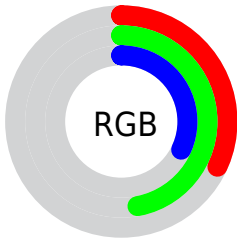
Format	Color
RYB	81, 120, 120
Decimal	5339217
CIELab	46.68, -22.19, 17.18
CIELCh	47, 28.066, 142.255
Yxy	15.7764, 0.3085, 0.4197
Android (android.graphics.Color)	4283529297 (0xFF517851)
YUV	103.8930, -11.2862, -20.0772
Hunter-Lab	39.7195, -17.4011, 12.5502

Details

The XYZ color **11.5950, 15.7764, 10.2186** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **14.0788, 11.2343, 19.1962**, and the grayscale version is **13.1611, 13.8465, 15.0788**.

A 20% lighter version of the original color is **28.5560, 36.4314, 26.9996**, and **3.1989, 4.9572, 2.4573** is the 20% darker color. If you saturate the color by 10%, you get **10.2453, 15.1285, 8.0105**, and if you desaturate by 10%, it is **13.2069, 16.5511, 12.8548**.

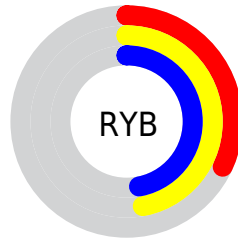
Distribution



Red (32%)

Green (47%)

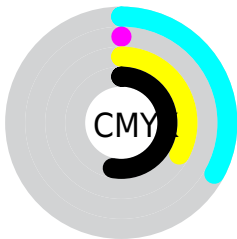
Blue (32%)



Red (32%)

Yellow (47%)

Blue (47%)

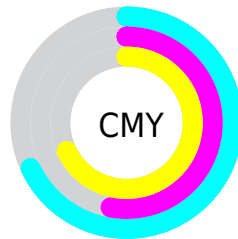


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (53%)



Cyan (68%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5950, 15.7764, 10.2186 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 11.5950, 15.7764, 10.2186 by changing the saturation by 10% instead.

■ 11.5950, 15.7764,
10.2186

■ 11.5950, 15.7764,
10.2186

195.5305,
228.0187, 202.7664

■ 6.5388, 9.3661,
5.4366

■ 28.3786, 36.2096,
26.8201

■ 3.2191, 4.9807,
2.4425

■ 40.8367, 51.0012,
39.4767

■ 1.2707, 2.2360,
0.8094

■ 56.4928, 69.3554,
55.5952

■ 0.1611, 0.7395,
0.0000

■ 75.7122, 91.6566,
75.5943

■ 0.0000, 0.0000,
0.0000

■ 98.8603, 118.2891,
99.8924

126.3025,

149.6374, 128.9081

158.4041,
186.0857, 163.0599

■ 11.5950, 15.7764,
10.2186

■ 11.5950, 15.7764,
10.2186

■ 10.2453, 15.1285,
8.0105

■ 13.2069, 16.5511,
12.8548

■ 9.1427, 14.5989,
6.2071

■ 15.0924, 17.4569,
15.9389

■ 8.2727, 14.1810,
4.7839

■ 17.2640, 18.5000,
19.4909

■ 7.6185, 13.8668,
3.7140

■ 19.7328, 19.6859,
23.5289

■ 7.1614, 13.6472,
2.9663

■ 22.5094, 21.0196,
28.0705

■ 6.8788, 13.5114,
2.5039

■ 25.6039, 22.5060,
33.1320

■ 6.7168, 13.4336,
2.2390

■ 29.0259, 24.1498,
38.7292

■ 32.7847, 25.9554,
44.8773

■ 36.8891, 27.9269,
51.5906

Harmonies

Analogous

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



13.2939, 15.7764, 7.5300



11.5950, 15.7764, 10.2186



10.8248, 15.7764, 15.4366

Triad

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



11.5950, 15.7764, 10.2186



14.3740, 15.7764, 34.1445



19.7491, 15.7764, 12.5913

Complementary

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



11.5950, 15.7764, 10.2186



14.0788, 11.2343, 19.1962

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.



20.1185, 15.7764, 19.0453



11.5950, 15.7764, 10.2186



16.8354, 15.7764, 32.7800

Square

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



11.5950, 15.7764, 10.2186



12.3124, 15.7764, 30.0827



19.0021, 15.7764, 26.7419



18.0414, 15.7764, 8.6195

Rectangle

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



11.5950, 15.7764, 10.2186



10.8763, 15.7764, 20.1781



19.0021, 15.7764, 26.7419



20.0409, 15.7764, 14.4907

Sweetspot

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



11.5954, 15.7771, 10.2189



27.3608, 31.0945, 29.3690



15.9482, 18.0210, 10.4224



6.3858, 7.3218, 6.7992



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.



11.5954, 15.7771, 10.2189



18.5810, 26.8771, 15.0081



12.4348, 16.1128, 14.6389



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6508

Inverse Universe

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



14.0788, 11.2343, 19.1962



23.6678, 17.5719, 33.3966



13.0132, 10.8080, 13.5845



4.1545, 4.0775, 5.0112



12.1484, 5.8355, 19.8702



57.9490, 27.8359, 94.7823

Previews

White Background



This preview shows how the XYZ color 11.5950, 15.7764, 10.2186 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 11.5950, 15.7764, 10.2186 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 11.5950, 15.7764, 10.2186

Background



This preview shows how black text looks on a background with the XYZ color 11.5950, 15.7764, 10.2186.



This preview shows how white text looks on a background with the XYZ color 11.5950, 15.7764,

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

11.5950, 15.7764, 10.2186

Protanopia

14.5232, 15.6096, 9.2687

Deuteranopia

15.9602, 15.6940, 10.5756



Tritanopia

13.8886, 15.8406, 21.3943

Trichromacy



Original Color

11.5950, 15.7764, 10.2186

Protanomaly

13.2182, 15.5879, 9.5198

Deuteranomaly

13.9279, 15.4382, 10.4294

Tritanomaly

12.9058, 15.7837, 16.5537

Monochromacy



Original Color

11.5950, 15.7764, 10.2186

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.5111, 14.4832, 13.2025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5950, 15.7764, 10.2186 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(81, 120, 81)` looks like.

```
.text, #text, p{  
    color:rgb(81, 120, 81)  
}
```

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(81, 120, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 120, 81) }
```

Border

The CSS property to change the border of an element to XYZ 11.5950, 15.7764, 10.2186 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(81, 120, 81) }
```


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

```
.border{ border-color:rgb(81, 120, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 120, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 120, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 120, 81);  
box-shadow:4px 4px 4px 4px rgb(81, 120,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5950, 15.7764, 10.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 120, 81) }
```

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

```
.background{ background-color: rgb(81, 120,  
81) }
```

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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