

Converting Colors

XYZ(11.5899, 15.1029, 10.1519)

Have a look what the booklet for
XYZ(11.5899, 15.1029, 10.1519)
contains.

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Color

**XYZ(11.5683, 15.0633,
10.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	567451
RGB	86, 116, 81
RGB Percent	34%, 45%, 32%
CMY	0.6627, 0.5451, 0.6823
CMYK	0.26, 0.00, 0.30, 0.55
HSL	111°, 18%, 39%
HSV	111°, 30%, 45%
XYZ	11.5683, 15.0633, 10.0824
YIQ	103.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

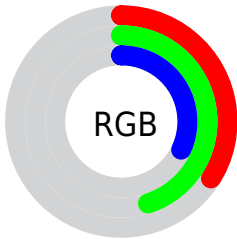
Format	Color
R_{YB}	81, 116, 111
Decimal	5665873
CIE _{Lab}	45.72, -18.25, 15.93
CIE _{LCh}	46, 24.226, 138.878
Yxy	15.0633, 0.3151, 0.4103
Android (android.graphics.Color)	4283855953 (0xFF567451)
YUV	103.0400, -10.8657, -14.9441
Hunter-Lab	38.8115, -14.7156, 11.7657

Details

The XYZ color **11.5683, 15.0633, 10.0824** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.6512, 10.5259, 17.8887**, and the grayscale version is **12.9321, 13.6056, 14.8165**.

A 20% lighter version of the original color is **28.2527, 34.8782, 26.7158**, and **3.2223, 4.6930, 2.4051** is the 20% darker color. If you saturate the color by 10%, you get **10.3173, 14.4649, 7.9439**, and if you desaturate by 10%, it is **13.0218, 15.7584, 12.6190**.

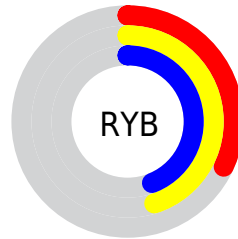
Distribution



Red (34%)

Green (45%)

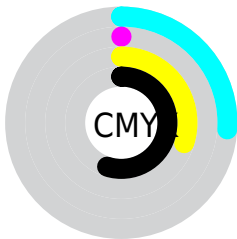
Blue (32%)



Red (32%)

Yellow (45%)

Blue (44%)

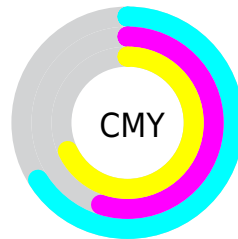


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5683, 15.0633, 10.0824 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 11.5683, 15.0633, 10.0824 by changing the saturation by 10% instead.

■ 11.5683, 15.0633,
10.0824

■ 11.5683, 15.0633,
10.0824

195.3548,
223.7490, 201.7653

■ 6.5205, 8.8638,
5.3473

■ 28.3301, 34.9642,
26.5606

■ 3.2078, 4.6525,
2.3902

■ 40.7749, 49.4344,
39.1408

■ 1.2646, 2.0448,
0.7811

■ 56.4160, 67.4303,
55.1731

■ 0.1564, 0.6333,
0.0000

■ 75.6189, 89.3363,
75.0761

■ 0.0000, 0.0000,
0.0000

■ 98.7488, 115.5368,
99.2682

126.1713,

146.4161, 128.1681

158.2515,
182.3587, 162.1943

■ 11.5683, 15.0633,
10.0824

■ 11.5683, 15.0633,
10.0824

■ 10.3173, 14.4649,
7.9439

■ 13.0218, 15.7584,
12.6190

■ 9.2587, 13.9570,
6.1825

■ 14.6851, 16.5523,
15.5714

■ 8.3831, 13.5359,
4.7764

■ 16.5666, 17.4492,
18.9576

■ 7.6801, 13.1965,
3.7016

■ 18.6737, 18.4527,
22.7940

■ 7.1378, 12.9334,
2.9308

■ 21.0137, 19.5662,
27.0962

■ 6.7431, 12.7406,
2.4327

■ 23.5934, 20.7929,
31.8793

■ 6.4692, 12.6066,
2.0924

■ 26.4194, 22.1359,
37.1574

■ 29.4981, 23.5981,
42.9442

■ 32.8354, 25.1824,
49.2528

Harmonies

Analogous

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



13.0886, 15.0633, 7.9215



11.5683, 15.0633, 10.0824



10.8121, 15.0633, 14.3341

Triad

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



11.5683, 15.0633, 10.0824



13.5759, 15.0633, 30.0307



18.3462, 15.0633, 13.0375

Complementary

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



11.5683, 15.0633, 10.0824



12.6512, 10.5259, 17.8887

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.



18.5082, 15.0633, 18.6584



11.5683, 15.0633, 10.0824



15.6204, 15.0633, 29.4475

Square

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



11.5683, 15.0633, 10.0824



11.8959, 15.0633, 26.3695



17.4704, 15.0633, 24.9263



17.0467, 15.0633, 9.3275

Rectangle

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



11.5683, 15.0633, 10.0824



10.7901, 15.0633, 18.1916



17.4704, 15.0633, 24.9263



18.5398, 15.0633, 14.7326

Sweetspot

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



11.5687, 15.0639, 10.0827



26.1085, 29.2356, 27.8999



14.3456, 15.6222, 10.0441



6.1396, 6.9322, 6.4969



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.



11.5687, 15.0639, 10.0827



18.8145, 25.7509, 15.1148



11.6261, 15.0356, 12.7039



3.6848, 4.1210, 3.9435



7.2486, 14.1411, 2.3475



34.8712, 68.6786, 11.4184

Inverse Universe

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



12.6512, 10.5259, 17.8887



21.0290, 16.4492, 31.1112



12.6315, 10.5927, 14.4097



3.7777, 3.7327, 4.6116



9.3540, 4.4135, 18.9014



45.0332, 21.2240, 92.0834

Previews

White Background



This preview shows how the XYZ color 11.5683, 15.0633, 10.0824 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 11.5683, 15.0633, 10.0824 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 11.5683, 15.0633, 10.0824

Background



This preview shows how black text looks on a background with the XYZ color 11.5683, 15.0633, 10.0824.



This preview shows how white text looks on a background with the XYZ color 11.5683, 15.0633,

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

11.5683, 15.0633, 10.0824

Protanopia

13.9046, 14.9739, 9.1786

Deuteranopia

15.1547, 14.9763, 10.4795



Tritanopia

13.5888, 15.0521, 19.9584

Trichromacy



Original Color

11.5683, 15.0633, 10.0824

Protanomaly

12.8853, 14.9222, 9.4089

Deuteranomaly

13.4794, 14.7292, 10.3162

Tritanomaly

12.7231, 15.0245, 15.8651

Monochromacy



Original Color

11.5683, 15.0633, 10.0824

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.3579, 14.0927, 12.8953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5683, 15.0633, 10.0824 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(86, 116, 81) looks like.

```
.text, #text, p{  
    color:rgb(86, 116, 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(86, 116, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 116, 81) }
```

Border

The CSS property to change the border of an element to XYZ 11.5683, 15.0633, 10.0824 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(86, 116, 81) }
```


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

```
.border{ border-color:rgb(86, 116, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 116, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 116, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 116, 81);  
box-shadow:4px 4px 4px 4px rgb(86, 116,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5683, 15.0633, 10.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 116, 81) }
```

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

```
.background{ background-color: rgb(86, 116,  
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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