

Converting Colors

XYZ(15.1406, 13.7794, 19.2596)

Have a look what the booklet for
XYZ(15.1406, 13.7794, 19.2596)
contains.

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Color

**XYZ(15.0757, 13.7328,
19.3089)**

Conversions

Conversions Part 1

Format	Color
Hex	766177
RGB	118, 97, 119
RGB Percent	46%, 38%, 47%
CMY	0.5373, 0.6196, 0.5333
CMYK	0.01, 0.18, 0.00, 0.53
HSL	297°, 10%, 42%
HSV	297°, 18%, 47%
XYZ	15.0757, 13.7328, 19.3089
YIQ	105.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

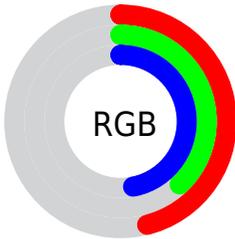
Format	Color
R_{YB}	118, 97, 119
Decimal	7758199
CIE Lab	43.85, 12.69, -9.18
CIE LCh	44, 15.664, 324.125
Yxy	13.7328, 0.3133, 0.2854
Android (android.graphics.Color)	4285948279 (0xFF766177)
YUV	105.7870, 6.5140, 10.7108
Hunter-Lab	37.0578, 7.7655, -4.9525

Details

The XYZ color **15.0757, 13.7328, 19.3089** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7919, 16.6537, 13.7974**, and the grayscale version is **13.6233, 14.3328, 15.6084**.

A 20% lighter version of the original color is **34.5182, 32.6661, 43.0140**, and **4.7322, 4.0013, 6.4842** is the 20% darker color. If you saturate the color by 10%, you get **13.9845, 11.6589, 18.9663**, and if you desaturate by 10%, it is **16.3331, 16.1380, 19.7071**.

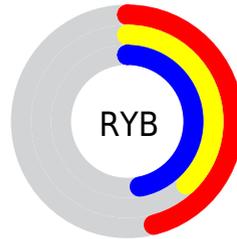
Distribution



Red (46%)

Green (38%)

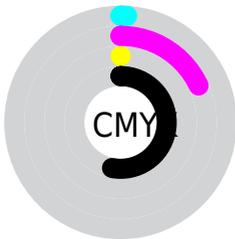
Blue (47%)



Red (46%)

Yellow (38%)

Blue (47%)

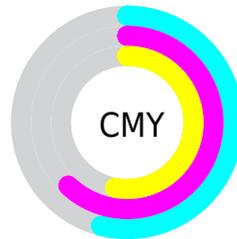


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0757, 13.7328, 19.3089 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 15.0757, 13.7328, 19.3089 by changing the saturation by 10% instead.

■ 15.0757, 13.7328,
19.3089

■ 15.0757, 13.7328,
19.3089

217.2033,
215.5622, 260.6281

■ 8.9592, 7.9351,
11.7146

■ 34.5565, 32.6142,
43.0990

■ 4.7715, 4.0534,
6.4295

■ 48.6515, 46.4666,
60.1320

■ 2.1472, 1.7035,
3.0350

■ 66.1367, 63.7727,
81.1483

■ 0.7147, 0.4259,
1.1125

■ 87.3775, 84.9168,
106.5664

■ 0.0000, 0.0000,
0.0000

112.7391,
110.2835, 136.8049

142.5871,

140.2570, 172.2823

177.2867,
175.2218, 213.4172

■ 15.0757, 13.7328,
19.3089

■ 15.0757, 13.7328,
19.3089

■ 13.9845, 11.6589,
18.9663

■ 16.3331, 16.1380,
19.7071

■ 13.0510, 9.9000,
18.6760

■ 17.7623, 18.8865,
20.1623

■ 12.2677, 8.4408,
18.4356

■ 19.3703, 21.9918,
20.6769

■ 11.6260, 7.2643,
18.2424

■ 21.1631, 25.4663,
21.2531

■ 11.1166, 6.3516,
18.0931

■ 23.1466, 29.3216,
21.8927

■ 10.7288, 5.6816,
17.9842

■ 25.3265, 33.5688,
22.5976

■ 10.4505, 5.2300,
17.9117

■ 27.7080, 38.2188,
23.3696

■ 10.2467, 4.9268,
17.8639

■ 30.2964, 43.2818,
24.2104

■ 10.2166, 4.8822,
17.8569

■ 33.0966, 48.7678,
25.1217

Harmonies

Analogous

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



14.0488, 13.7328, 22.0686



15.0757, 13.7328, 19.3089



15.5637, 13.7328, 15.6606

Triad

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



15.0757, 13.7328, 19.3089



13.2975, 13.7328, 9.1501



11.0006, 13.7328, 17.9124

Complementary

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



15.0757, 13.7328, 19.3089



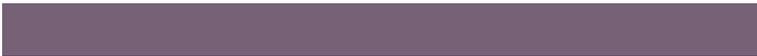
13.7919, 16.6537, 13.7974

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.



10.8273, 13.7328, 14.2664



15.0757, 13.7328, 19.3089



12.1047, 13.7328, 9.5590

Square

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



15.0757, 13.7328, 19.3089



14.4962, 13.7328, 10.0856



11.2191, 13.7328, 11.3065



11.7082, 13.7328, 21.1773

Rectangle

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



15.0757, 13.7328, 19.3089



15.4970, 13.7328, 13.3516



11.2191, 13.7328, 11.3065



10.8798, 13.7328, 16.6769

Sweetspot

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



15.0761, 13.7334, 19.3092



29.8168, 29.9909, 35.4704



12.6371, 12.6280, 19.2244



7.0374, 7.0521, 8.3970



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

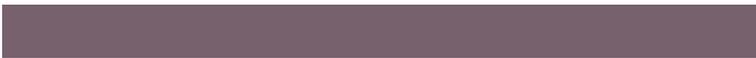
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0761, 13.7334, 19.3092



26.1656, 23.0095, 34.3153



14.6485, 13.5781, 16.3454



3.8110, 3.7499, 4.6132



10.8522, 5.1858, 18.9716



52.6832, 25.1677, 92.4414

Inverse Universe

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



14.0875, 13.3537, 13.3908



24.0687, 22.2051, 21.7182



14.1756, 16.7948, 16.3774



3.6901, 3.7033, 3.8947



8.1133, 4.1790, 0.5387



39.4510, 20.3305, 2.1723

Previews

White Background



This preview shows how the XYZ color 15.0757, 13.7328, 19.3089 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 15.0757, 13.7328, 19.3089 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 15.0757, 13.7328, 19.3089

Background



This preview shows how black text looks on a background with the XYZ color 15.0757, 13.7328, 19.3089.



This preview shows how white text looks on a background with the XYZ color 15.0757, 13.7328,

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

15.0757, 13.7328, 19.3089

Protanopia

13.6809, 13.8399, 20.6892

Deuteranopia

13.9871, 13.7412, 19.0547



Tritanopia

14.3181, 13.6982, 15.7993

Trichromacy



Original Color

15.0757, 13.7328, 19.3089

Protanomaly

14.2299, 13.8383, 20.3334

Deuteranomaly

14.3827, 13.8019, 19.0455

Tritanomaly

14.5730, 13.6650, 16.9084

Monochromacy



Original Color

15.0757, 13.7328, 19.3089

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1499, 14.1632, 17.0269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0757, 13.7328, 19.3089 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(118, 97, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 97, 119)  
}
```

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(118, 97, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 97, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.0757, 13.7328, 19.3089 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(118, 97, 119) }
```

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

```
.border{ border-color:rgb(118, 97, 119) }
```

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

Here you see how a box with a 4 pixel rgb(118, 97, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 97, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 97, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 97,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0757, 13.7328, 19.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 97, 119) }
```

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

```
.background{ background-color: rgb(118, 97,  
119) }
```

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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