

Converting Colors

XYZ(12.0379, 10.4788, 15.8561)

Have a look what the booklet for
XYZ(12.0379, 10.4788, 15.8561)
contains.

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Color

**XYZ(12.0379, 10.4788,
15.8561)**

Conversions

Conversions Part 1

Format	Color
Hex	6C536D
RGB	108, 83, 109
RGB Percent	42%, 33%, 43%
CMY	0.5765, 0.6745, 0.5725
CMYK	0.01, 0.24, 0.00, 0.57
HSL	298°, 14%, 38%
HSV	298°, 24%, 43%
XYZ	12.0379, 10.4788, 15.8561
YIQ	93.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

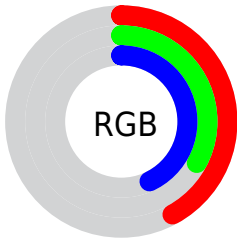
Format	Color
R_{YB}	108, 83, 109
Decimal	7099245
CIE _{Lab}	38.69, 15.37, -10.93
CIE _{LCh}	39, 18.862, 324.578
Yxy	10.4788, 0.3137, 0.2731
Android (android.graphics.Color)	4285289325 (0xFF6C536D)
YUV	93.4390, 7.6716, 12.7700
Hunter-Lab	32.3710, 9.7302, -6.3820

Details

The XYZ color **12.0379, 10.4788, 15.8561** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10.6865, 13.4469, 10.2164**, and the grayscale version is **10.4890, 11.0352, 12.0173**.

A 20% lighter version of the original color is **29.3178, 26.8218, 37.3501**, and **3.3989, 2.6838, 4.7538** is the 20% darker color. If you saturate the color by 10%, you get **11.2179, 8.9141, 15.5975**, and if you desaturate by 10%, it is **12.9899, 12.3068, 16.1589**.

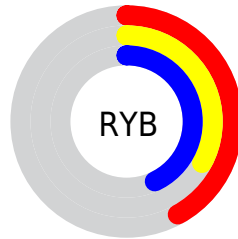
Distribution



Red (42%)

Green (33%)

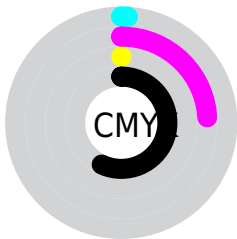
Blue (43%)



Red (42%)

Yellow (33%)

Blue (43%)

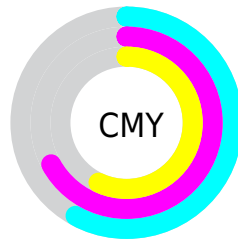


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (67%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0379, 10.4788, 15.8561 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 12.0379, 10.4788, 15.8561 by changing the saturation by 10% instead.

■ 12.0379, 10.4788,
15.8561

■ 12.0379, 10.4788,
15.8561

■ 198.4208,
194.0560, 240.3077

■ 6.8419, 5.7176,
9.2691

■ 29.1804, 26.6923,
37.1115

■ 3.4089, 2.6741,
4.8179

■ 41.8575, 38.9133,
52.6170

■ 1.3735, 0.9641,
2.0840

■ 57.7591, 54.3897,
71.9325

■ 0.2372, 0.0000,
0.6062

■ 77.2505, 73.5058,
95.4764

■ 0.0000, 0.0000,
0.0000

■ 100.6970, 96.6461,
123.6674

128.4640,

124.1950, 156.9239

160.9168,
156.5368, 195.6645

■ 12.0379, 10.4788,
15.8561

■ 12.0379, 10.4788,
15.8561

■ 11.2179, 8.9141,
15.5975

■ 12.9899, 12.3068,
16.1589

■ 10.5229, 7.5992,
15.3803

■ 14.0787, 14.4082,
16.5071

■ 9.9465, 6.5212,
15.2026

■ 15.3100, 16.7941,
16.9028

■ 9.4816, 5.6658,
15.0620

■ 16.6889, 19.4748,
17.3475

■ 9.1201, 5.0170,
14.9558

■ 18.2201, 22.4600,
17.8430

■ 8.8531, 4.5567,
14.8810

■ 19.9083, 25.7588,
18.3908

■ 8.6666, 4.2569,
14.8330

■ 21.7580, 29.3801,
18.9923

■ 8.5636, 4.0958,
14.8073

■ 23.7734, 33.3323,
19.6489

■ 25.9585, 37.6237,
20.3621

Harmonies

Analogous

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



10.9877, 10.4788, 18.8379



12.0379, 10.4788, 15.8561



12.5346, 10.4788, 12.0689

Triad

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



12.0379, 10.4788, 15.8561



10.1874, 10.4788, 5.8605



7.9399, 10.4788, 14.5012

Complementary

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



12.0379, 10.4788, 15.8561



10.6865, 13.4469, 10.2164

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.



7.7642, 10.4788, 10.7748



12.0379, 10.4788, 15.8561



8.9981, 10.4788, 6.2469

Square

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



12.0379, 10.4788, 15.8561



11.4108, 10.4788, 6.6900



8.1358, 10.4788, 7.8834



8.6373, 10.4788, 17.9485

Rectangle

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



12.0379, 10.4788, 15.8561



12.4575, 10.4788, 9.7715



8.1358, 10.4788, 7.8834



7.8205, 10.4788, 13.2213

Sweetspot

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



12.0382, 10.4793, 15.8563



24.5303, 24.4862, 29.3407



9.5217, 9.3310, 15.7673



5.6920, 5.6666, 6.8225



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



12.0382, 10.4793, 15.8563



20.6540, 17.0409, 28.1079



11.5719, 10.3069, 12.7626



3.2066, 3.1583, 3.8755



10.0115, 4.7882, 17.3188



50.8393, 24.3082, 88.2386

Inverse Universe

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



11.0005, 10.0783, 9.7536



18.4317, 16.1836, 14.9791



11.0882, 13.5973, 12.7956



3.1040, 3.1185, 3.2782



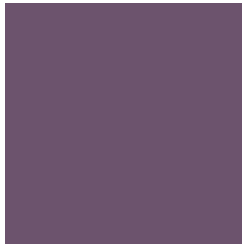
7.4012, 3.8126, 0.4754



37.6380, 19.3972, 2.0306

Previews

White Background



This preview shows how the XYZ color 12.0379, 10.4788, 15.8561 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 12.0379, 10.4788, 15.8561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

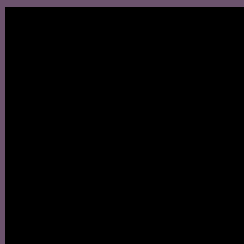
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.0379, 10.4788, 15.8561

Background



This preview shows how black text looks on a background with the XYZ color 12.0379, 10.4788, 15.8561.



This preview shows how white text looks on a background with the XYZ color 12.0379, 10.4788,

15.8561.

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

12.0379, 10.4788, 15.8561

Protanopia

10.5312, 10.5057, 17.3923

Deuteranopia

10.6928, 10.5028, 15.6510



Tritanopia

11.2474, 10.5101, 11.7918

Trichromacy



Original Color

12.0379, 10.4788, 15.8561

Protanomaly

10.9489, 10.3659, 16.7530

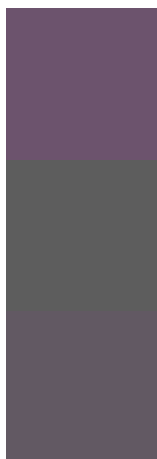
Deuteranomaly

11.1520, 10.4958, 15.6255

Tritanomaly

11.5640, 10.5237, 13.2262

Monochromacy



Original Color

12.0379, 10.4788, 15.8561

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.8615, 10.6423, 13.2861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0379, 10.4788, 15.8561 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(108, 83, 109) looks like.

```
.text, #text, p{  
    color:rgb(108, 83, 109)  
}
```

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(108, 83, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 83, 109) }
```

Border

The CSS property to change the border of an element to XYZ 12.0379, 10.4788, 15.8561 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(108, 83, 109) }
```


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

```
.border{ border-color:rgb(108, 83, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 83, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 83, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 83, 109);  
box-shadow:4px 4px 4px 4px rgb(108, 83,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0379, 10.4788, 15.8561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 83, 109) }
```

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

```
.background{ background-color: rgb(108, 83,  
109) }
```

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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