

Converting Colors

XYZ(15.3789, 10.4513, 30.0609)

Have a look what the booklet for
XYZ(15.3789, 10.4513, 30.0609)
contains.

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Color

**XYZ(15.3789, 10.4513,
30.0609)**

Conversions

Conversions Part 1

Format	Color
Hex	784596
RGB	120, 69, 150
RGB Percent	47%, 27%, 59%
CMY	0.5294, 0.7294, 0.4118
CMYK	0.20, 0.54, 0.00, 0.41
HSL	278°, 37%, 43%
HSV	278°, 54%, 59%
XYZ	15.3789, 10.4513, 30.0609
YIQ	93.4830, 4.3950, 36.0030

Conversions

Conversions Part 2

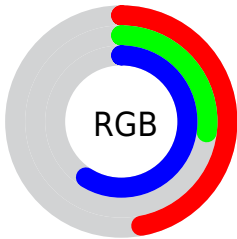
Format	Color
R _{YB}	120, 69, 150
Decimal	7882134
CIE Lab	38.64, 36.94, -36.02
CIE LCh	39, 51.595, 315.719
Yxy	10.4513, 0.2752, 0.1870
Android (android.graphics.Color)	4286072214 (0xFF784596)
YUV	93.4830, 27.8629, 23.2554
Hunter-Lab	32.3285, 28.3390, -32.5014

Details

The XYZ color **15.3789, 10.4513, 30.0609** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **17.1263, 24.8952, 9.5331**, and the grayscale version is **10.4538, 10.9982, 11.9771**.

A 20% lighter version of the original color is **35.0718, 26.6001, 61.0435**, and **4.9745, 2.7024, 12.0638** is the 20% darker color. If you saturate the color by 10%, you get **13.8220, 8.4480, 29.7565**, and if you desaturate by 10%, it is **17.2146, 12.9450, 30.4457**.

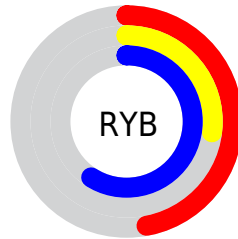
Distribution



Red (47%)

Green (27%)

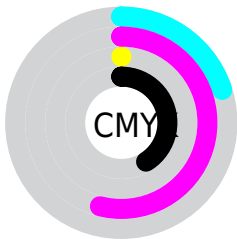
Blue (59%)



Red (47%)

Yellow (27%)

Blue (59%)

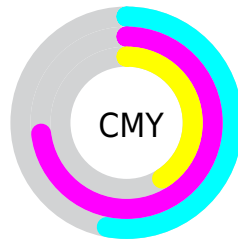


Cyan (20%)

Magenta (54%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (73%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3789, 10.4513, 30.0609 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 15.3789, 10.4513, 30.0609 by changing the saturation by 10% instead.

■ 15.3789, 10.4513,
30.0609

■ 15.3789, 10.4513,
30.0609

218.9915,
193.8634, 316.4044

■ 9.1738, 5.6992,
19.6324

■ 35.0828, 26.6410,
60.8206

■ 4.9127, 2.6630,
11.9467

■ 49.3122, 38.8473,
81.9889

■ 2.2304, 0.9585,
6.5853

■ 66.9471, 54.3072,
107.5742

■ 0.7587, 0.0000,
3.1296

■ 88.3529, 73.4050,
137.9950

■ 0.0000, 0.0000,
1.1612

■ 113.8949, 96.5251,
173.6698

■ 0.0000, 0.0000,
0.0000

143.9384,

124.0520, 215.0173

178.8488,
156.3699, 262.4560

■ 15.3789, 10.4513,
30.0609

■ 15.3789, 10.4513,
30.0609

■ 13.8220, 8.4480,
29.7565

■ 17.2146, 12.9450,
30.4457

■ 12.5239, 6.8975,
29.5256

■ 19.3446, 15.9604,
30.9154

■ 11.4639, 5.7588,
29.3617

■ 21.7848, 19.5275,
31.4753

■ 10.6161, 4.9819,
29.2564

■ 24.5493, 23.6737,
32.1299

■ 10.1671, 4.6054,
29.2074

■ 27.6514, 28.4245,
32.8834

■ 31.1036, 33.8039,
33.7398

■ 34.9177, 39.8346,
34.7028

■ 39.1050, 46.5381,
35.7760

■ 43.6761, 53.9349,
36.9628

Harmonies

Analogous

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



11.8094, 10.4513, 40.5329



15.3789, 10.4513, 30.0609



17.6985, 10.4513, 16.6428

Triad

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



15.3789, 10.4513, 30.0609



11.6326, 10.4513, 1.1759



4.8814, 10.4513, 17.2339

Complementary

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



15.3789, 10.4513, 30.0609



17.1263, 24.8952, 9.5331

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.



4.8550, 10.4513, 7.3627



15.3789, 10.4513, 30.0609



8.2678, 10.4513, 1.2028

Square

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



15.3789, 10.4513, 30.0609



15.2243, 10.4513, 2.5565



5.9545, 10.4513, 2.6811



6.0373, 10.4513, 30.6997

Rectangle

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



15.3789, 10.4513, 30.0609



17.9484, 10.4513, 9.6163



5.9545, 10.4513, 2.6811



4.7508, 10.4513, 13.3465

Sweetspot

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



15.3793, 10.4517, 30.0611



42.1416, 39.9902, 56.4190



12.5215, 12.5915, 30.6248



9.1366, 8.5575, 12.4550



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.3793, 10.4517, 30.0611



23.8308, 14.2163, 52.4092



19.4803, 12.6503, 26.4394



5.8292, 5.8029, 7.2826



8.4684, 3.8382, 24.2255



0.1363, 0.0638, 0.2980

Inverse Universe

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



16.9581, 11.6414, 13.1577



27.3186, 16.7826, 17.8639



14.7522, 23.6347, 11.0774



5.8843, 5.8488, 6.4970



11.0292, 5.6167, 3.6346



0.1484, 0.0741, 0.1150

Previews

White Background



This preview shows how the XYZ color 15.3789, 10.4513, 30.0609 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 15.3789, 10.4513, 30.0609 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 15.3789, 10.4513, 30.0609

Background



This preview shows how black text looks on a background with the XYZ color 15.3789, 10.4513, 30.0609.



This preview shows how white text looks on a background with the XYZ color 15.3789, 10.4513,

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

15.3789, 10.4513, 30.0609

Protanopia

12.0492, 10.6874, 38.9639

Deuteranopia

10.9399, 10.7217, 28.6870



Tritanopia

11.6142, 10.4755, 11.3074

Trichromacy



Original Color

15.3789, 10.4513, 30.0609

Protanomaly

12.4405, 10.1391, 35.4838

Deuteranomaly

11.9165, 10.2411, 28.9524

Tritanomaly

12.6600, 10.3392, 16.6576

Monochromacy



Original Color

15.3789, 10.4513, 30.0609

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.8011, 10.4391, 17.3126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3789, 10.4513, 30.0609 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(120, 69, 150)` looks like.

```
.text, #text, p{  
    color:rgb(120, 69, 150)  
}
```

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(120, 69, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 69, 150) }
```

Border

The CSS property to change the border of an element to XYZ 15.3789, 10.4513, 30.0609 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(120, 69, 150) }
```


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

```
.border{ border-color:rgb(120, 69, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 69, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 69, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 69, 150);  
box-shadow:4px 4px 4px 4px rgb(120, 69,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3789, 10.4513, 30.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 69, 150) }
```

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

```
.background{ background-color: rgb(120, 69,  
150) }
```

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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