

Converting Colors

XYZ(14.5707, 10.8445, 30.3100)

Have a look what the booklet for
XYZ(14.5707, 10.8445, 30.3100)
contains.

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Color

**XYZ(14.4656, 10.7610,
30.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4D96
RGB	109, 77, 150
RGB Percent	43%, 30%, 59%
CMY	0.5725, 0.6980, 0.4118
CMYK	0.27, 0.49, 0.00, 0.41
HSL	266°, 32%, 45%
HSV	266°, 49%, 59%
XYZ	14.4656, 10.7610, 30.1688
YIQ	94.8900, -4.3610, 29.4870

Conversions

Conversions Part 2

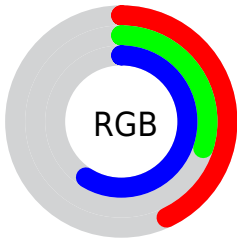
Format	Color
R_{YB}	109, 77, 150
Decimal	7163286
CIE _{Lab}	39.17, 29.13, -35.26
CIE _{LCh}	39, 45.734, 309.565
Yxy	10.7610, 0.2611, 0.1943
Android (android.graphics.Color)	4285353366 (0xFF6D4D96)
YUV	94.8900, 27.1692, 12.3745
Hunter-Lab	32.8040, 21.3064, -31.5644

Details

The XYZ color **14.4656, 10.7610, 30.1688** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **19.7173, 26.2003, 11.0395**, and the grayscale version is **10.7892, 11.3510, 12.3613**.

A 20% lighter version of the original color is **33.5091, 27.2679, 61.2547**, and **4.4870, 2.7804, 12.1046** is the 20% darker color. If you saturate the color by 10%, you get **12.5474, 8.3899, 29.8124**, and if you desaturate by 10%, it is **16.7260, 13.6682, 30.6110**.

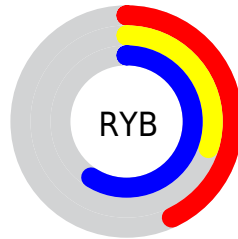
Distribution



Red (43%)

Green (30%)

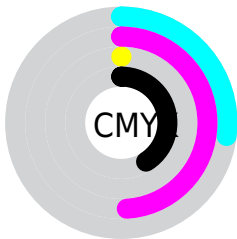
Blue (59%)



Red (43%)

Yellow (30%)

Blue (59%)

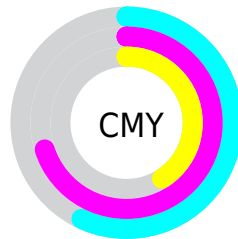


Cyan (27%)

Magenta (49%)

Yellow (0%)

Black (41%)



Cyan (57%)

Magenta (70%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4656, 10.7610, 30.1688 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 14.4656, 10.7610, 30.1688 by changing the saturation by 10% instead.

■ 14.4656, 10.7610,
30.1688

■ 14.4656, 10.7610,
30.1688

213.5616,
196.0204, 316.9222

■ 8.5291, 5.9064,
19.7136

■ 33.4923, 27.2174,
60.9932

■ 4.4899, 2.7882,
12.0050

■ 47.3132, 39.5879,
82.1995

■ 1.9829, 1.0222,
6.6245

■ 64.4930, 55.2325,
107.8265

■ 0.6243, 0.0000,
3.1535

■ 85.3969, 74.5355,
138.2929

■ 0.0000, 0.0000,
1.1736

■ 110.3903, 97.8815,
174.0171

■ 0.0000, 0.0000,
0.0000

139.8387,

125.6547, 215.4177

174.1073,
158.2395, 262.9132

■ 14.4656, 10.7610,
30.1688

■ 14.4656, 10.7610,
30.1688

■ 12.5474, 8.3899,
29.8124

■ 16.7260, 13.6682,
30.6110

■ 10.9506, 6.5184,
29.5354

■ 19.3452, 17.1422,
31.1435

■ 9.6535, 5.1075,
29.3314

■ 22.3404, 21.2127,
31.7713

■ 8.6310, 4.1111,
29.1930

■ 25.7269, 25.9069,
32.4989

■ 7.8333, 3.4345,
29.1044

■ 29.5193, 31.2505,
33.3304

■ 7.7354, 3.3518,
29.0936

■ 33.7315, 37.2675,
34.2698

■ 38.3764, 43.9809,
35.3208

■ 43.4666, 51.4122,
36.4870

■ 49.0140, 59.5825,
37.7716

Harmonies

Analogous

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



11.2402, 10.7610, 37.5291



14.4656, 10.7610, 30.1688



16.8135, 10.7610, 18.6627

Triad

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



14.4656, 10.7610, 30.1688



12.4296, 10.7610, 1.9441



5.4431, 10.7610, 14.7553

Complementary

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



14.4656, 10.7610, 30.1688



19.7173, 26.2003, 11.0395

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.



5.6353, 10.7610, 6.7518



14.4656, 10.7610, 30.1688



9.2785, 10.7610, 1.7045

Square

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



14.4656, 10.7610, 30.1688



15.4844, 10.7610, 3.9127



6.9111, 10.7610, 2.9212



6.3203, 10.7610, 26.1133

Rectangle

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



14.4656, 10.7610, 30.1688



17.3358, 10.7610, 11.8456



6.9111, 10.7610, 2.9212



5.3895, 10.7610, 11.5892

Sweetspot

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



14.4660, 10.7614, 30.1691



41.3611, 40.1018, 56.4817



15.0876, 16.8236, 31.3064



8.9223, 8.5507, 12.4650



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.



14.4660, 10.7614, 30.1691



21.9962, 14.6289, 52.5856



19.8597, 13.5420, 30.4215



5.7263, 5.7499, 7.2778



6.4512, 2.7983, 24.1311



0.1119, 0.0512, 0.2969

Inverse Universe

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



18.5018, 13.1001, 18.6931



30.2431, 19.4165, 28.7505



15.7143, 24.1366, 10.8522



5.9290, 5.8667, 6.7322



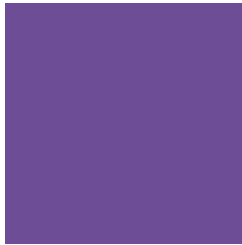
11.7831, 5.9183, 7.6050



0.1591, 0.0784, 0.1712

Previews

White Background



This preview shows how the XYZ color 14.4656, 10.7610, 30.1688 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 14.4656, 10.7610, 30.1688 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 14.4656, 10.7610, 30.1688

Background



This preview shows how black text looks on a background with the XYZ color 14.4656, 10.7610, 30.1688.



This preview shows how white text looks on a background with the XYZ color 14.4656, 10.7610,

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

14.4656, 10.7610, 30.1688

Protanopia

12.0412, 10.8816, 35.6481

Deuteranopia

11.1674, 10.9594, 29.1306



Tritanopia

10.9594, 10.8280, 12.8217

Trichromacy



Original Color

14.4656, 10.7610, 30.1688

Protanomaly

12.5619, 10.5853, 33.7288

Deuteranomaly

11.9779, 10.6168, 29.4349

Tritanomaly

11.9944, 10.6415, 17.9448

Monochromacy



Original Color

14.4656, 10.7610, 30.1688

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.8398, 10.9266, 17.7047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4656, 10.7610, 30.1688 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(109, 77, 150)` looks like.

```
.text, #text, p{  
    color:rgb(109, 77, 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(109, 77, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 77, 150) }
```

Border

The CSS property to change the border of an element to XYZ 14.4656, 10.7610, 30.1688 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(109, 77, 150) }
```


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

```
.border{ border-color:rgb(109, 77, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 77, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 77, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 77, 150);  
box-shadow:4px 4px 4px 4px rgb(109, 77,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4656, 10.7610, 30.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 77, 150) }
```

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

```
.background{ background-color: rgb(109, 77,  
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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