

Converting Colors

XYZ(11.4203, 9.0083, 15.9053)

Have a look what the booklet for
XYZ(11.4203, 9.0083, 15.9053)
contains.

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Color

**XYZ(11.4385, 9.0117,
15.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	6D486E
RGB	109, 72, 110
RGB Percent	43%, 28%, 43%
CMY	0.5725, 0.7176, 0.5686
CMYK	0.01, 0.35, 0.00, 0.57
HSL	298°, 21%, 36%
HSV	298°, 35%, 43%
XYZ	11.4385, 9.0117, 15.8884
YIQ	87.3950, 9.8540, 19.6620

Conversions

Conversions Part 2

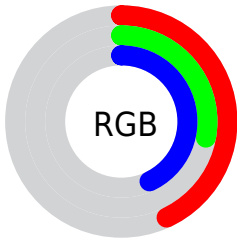
Format	Color
R_{YB}	109, 72, 110
Decimal	7161966
CIE _{Lab}	36.01, 22.69, -15.63
CIE _{LCh}	36, 27.551, 325.445
Yxy	9.0117, 0.3148, 0.2480
Android (android.graphics.Color)	4285352046 (0xFF6D486E)
YUV	87.3950, 11.1443, 18.9476
Hunter-Lab	30.0195, 15.4808, -10.3667

Details

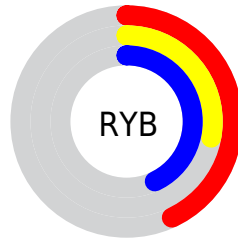
The XYZ color **11.4385, 9.0117, 15.8884** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **9.4936, 13.0364, 8.1472**, and the grayscale version is **9.1197, 9.5946, 10.4486**.

A 20% lighter version of the original color is **28.0569, 23.8604, 37.3092**, and **3.1249, 2.0923, 4.7966** is the 20% darker color. If you saturate the color by 10%, you get **10.7546, 7.6965, 15.6707**, and if you desaturate by 10%, it is **12.2504, 10.5823, 16.1489**.

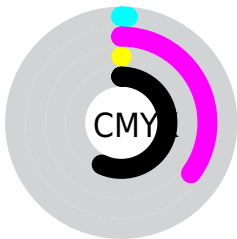
Distribution



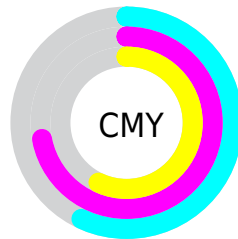
- Red (43%)
- Green (28%)
- Blue (43%)



- Red (43%)
- Yellow (28%)
- Blue (43%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (57%)



- Cyan (57%)
- Magenta (72%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4385, 9.0117, 15.8884 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 11.4385, 9.0117, 15.8884 by changing the saturation by 10% instead.

■ 11.4385, 9.0117,
15.8884

■ 11.4385, 9.0117,
15.8884

194.4985,
183.4651, 240.5055

■ 6.4320, 4.7488,
9.2917

■ 28.0940, 23.9192,
37.1684

■ 3.1527, 2.1006,
4.8325

■ 40.4739, 35.3326,
52.6889

■ 1.2350, 0.6650,
2.0923

■ 56.0421, 49.8983,
72.0210

■ 0.1337, 0.0000,
0.6112

■ 75.1643, 68.0007,
95.5833

■ 0.0000, 0.0000,
0.0000

■ 98.2057, 90.0242,
123.7944

125.5316,

116.3532, 157.0727

157.5074,
147.3720, 195.8369

■ 11.4385, 9.0117,
15.8884

■ 11.4385, 9.0117,
15.8884

■ 10.7546, 7.6965,
15.6707

■ 12.2504, 10.5823,
16.1489

■ 10.1910, 6.6219,
15.4930

■ 13.1956, 12.4197,
16.4537

■ 9.7406, 5.7735,
15.3530

■ 14.2804, 14.5361,
16.8051

■ 9.3951, 5.1347,
15.2479

■ 15.5103, 16.9423,
17.2047

■ 9.1452, 4.6870,
15.1747

■ 16.8905, 19.6490,
17.6544

■ 8.9749, 4.3983,
15.1279

■ 18.4259, 22.6660,
18.1558

■ 8.8907, 4.2582,
15.1053

■ 20.1212, 26.0028,
18.7105

■ 21.9811, 29.6684,
19.3200

■ 24.0099, 33.6716,
19.9858

Harmonies

Analogous

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



9.9951, 9.0117, 20.4553



11.4385, 9.0117, 15.8884



12.1150, 9.0117, 10.5482

Triad

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



11.4385, 9.0117, 15.8884



8.8186, 9.0117, 3.2757



6.0183, 9.0117, 14.2338

Complementary

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



11.4385, 9.0117, 15.8884



9.4936, 13.0364, 8.1472

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.



5.7871, 9.0117, 9.1113



11.4385, 9.0117, 15.8884



7.2789, 9.0117, 3.7013

Square

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



11.4385, 9.0117, 15.8884



10.4844, 9.0117, 4.0892



6.2188, 9.0117, 5.5242



6.8960, 9.0117, 19.3053

Rectangle

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



11.4385, 9.0117, 15.8884



11.9843, 9.0117, 7.5952



6.2188, 9.0117, 5.5242



5.8676, 9.0117, 12.4234

Sweetspot

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



11.4388, 9.0121, 15.8886



23.9582, 23.3399, 29.1495



7.8874, 7.3041, 15.7461



5.5298, 5.3427, 6.7686



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.



11.4388, 9.0121, 15.8886



19.1614, 14.0425, 27.6078



10.6915, 8.7275, 11.3078



3.5062, 3.4492, 4.2352



10.6766, 5.1134, 18.1459



53.0646, 25.4102, 90.3870

Inverse Universe

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



9.9506, 8.4311, 7.4066



16.1544, 12.8702, 10.3930



10.0828, 13.2634, 11.6425



3.3877, 3.4028, 3.5685



7.7422, 3.9893, 0.4525



38.5170, 19.8521, 1.9886

Previews

White Background



This preview shows how the XYZ color 11.4385, 9.0117, 15.8884 looks on a white background.

Color Contrast Check

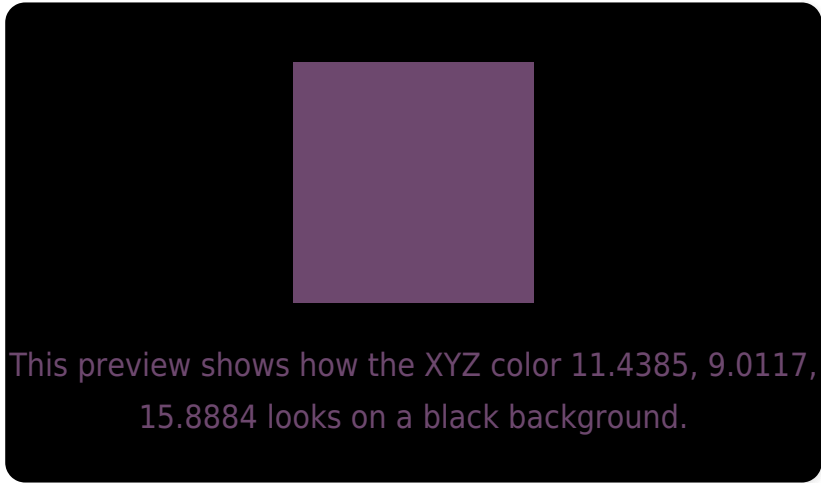
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

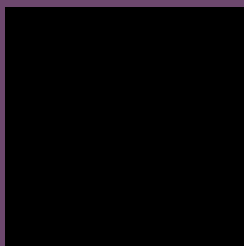
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4385, 9.0117, 15.8884

Background



This preview shows how black text looks on a background with the XYZ color 11.4385, 9.0117, 15.8884.



This preview shows how white text looks on a background with the XYZ color 11.4385, 9.0117,

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

11.4385, 9.0117, 15.8884

Protanopia

9.3241, 9.1284, 18.7233

Deuteranopia

9.1934, 9.0186, 15.4436



Tritanopia

10.0409, 8.9355, 9.3791

Trichromacy



Original Color

11.4385, 9.0117, 15.8884

Protanomaly

9.9515, 9.0245, 17.7404

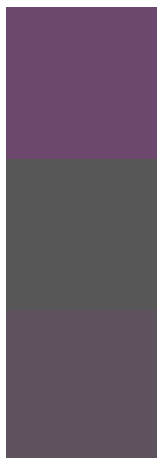
Deuteranomaly

9.8707, 8.9202, 15.6695

Tritanomaly

10.4357, 8.8866, 11.5212

Monochromacy



Original Color

11.4385, 9.0117, 15.8884

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.8022, 9.2937, 12.1037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4385, 9.0117, 15.8884 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, 72, 110)` looks like.

```
.text, #text, p{  
    color:rgb(109, 72, 110)  
}
```

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, 72, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 72, 110) }
```

Border

The CSS property to change the border of an element to XYZ 11.4385, 9.0117, 15.8884 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, 72, 110) }
```


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

```
.border{ border-color:rgb(109, 72, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 72, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 72, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 72, 110);  
box-shadow:4px 4px 4px 4px rgb(109, 72,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4385, 9.0117, 15.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 72, 110) }
```

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

```
.background{ background-color: rgb(109, 72,  
110) }
```

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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