

Converting Colors

XYZ(12.6185, 9.0829, 11.4440)

Have a look what the booklet for
XYZ(12.6185, 9.0829, 11.4440)
contains.

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Color

**XYZ(12.6185, 9.0829,
11.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	7F415D
RGB	127, 65, 93
RGB Percent	50%, 25%, 36%
CMY	0.5020, 0.7451, 0.6353
CMYK	0.00, 0.49, 0.27, 0.50
HSL	333°, 32%, 38%
HSV	333°, 49%, 50%
XYZ	12.6185, 9.0829, 11.4440
YIQ	86.7300, 27.9640, 21.8520

Conversions

Conversions Part 2

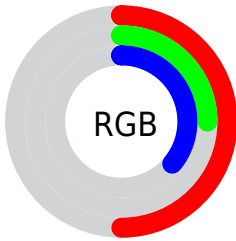
Format	Color
R_{YB}	127, 65, 93
Decimal	8339805
CIE Lab	36.14, 30.31, -4.48
CIE LCh	36, 30.644, 351.589
Yxy	9.0829, 0.3807, 0.2740
Android (android.graphics.Color)	4286529885 (0xFF7F415D)
YUV	86.7300, 3.0911, 35.3168
Hunter-Lab	30.1378, 21.9954, -1.4172

Details

The XYZ color **12.6185, 9.0829, 11.4440** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **12.0219, 17.2037, 14.4923**, and the grayscale version is **8.9907, 9.4589, 10.3008**.

A 20% lighter version of the original color is **30.1447, 24.0684, 29.0435**, and **3.6940, 2.1426, 2.9082** is the 20% darker color. If you saturate the color by 10%, you get **11.6752, 7.6677, 9.6762**, and if you desaturate by 10%, it is **13.7544, 10.8382, 13.4148**.

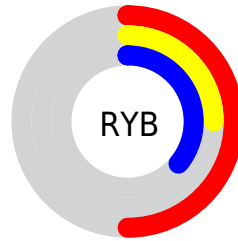
Distribution



Red (50%)

Green (25%)

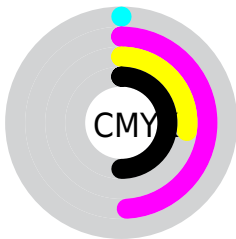
Blue (36%)



Red (50%)

Yellow (25%)

Blue (36%)

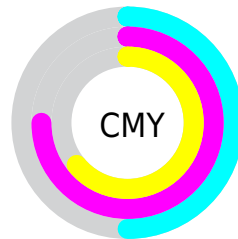


Cyan (0%)

Magenta (49%)

Yellow (27%)

Black (50%)



Cyan (50%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.6185, 9.0829, 11.4440 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 12.6185, 9.0829, 11.4440 by changing the saturation by 10% instead.

12.6185, 9.0829,
11.4440

12.6185, 9.0829,
11.4440

202.1454,
183.9951, 211.5344

7.2416, 4.7953,
6.2484

30.2239, 24.0556,
29.1274

3.6613, 2.1277,
2.9255

43.1830, 35.5095,
42.4523

1.5124, 0.6801,
1.0567

59.4002, 50.1209,
59.3241

0.3342, 0.0000,
0.0000

79.2409, 68.2743,
80.1612

0.0000, 0.0000,
0.0000

103.0704, 90.3540,
105.3823

131.2541,

116.7445, 135.4058

164.1573,
147.8300, 170.6503

■ 12.6185, 9.0829,
11.4440

■ 12.6185, 9.0829,
11.4440

■ 11.6752, 7.6677,
9.6762

■ 13.7544, 10.8382,
13.4148

■ 10.9118, 6.5686,
8.1033

■ 15.0929, 12.9527,
15.5953

■ 10.3153, 5.7608,
6.7172


■ 16.6443, 15.4456,
17.9923


■ 9.8705, 5.2149,
5.5088


■ 18.4178, 18.3346,
20.6124


■ 9.5370, 4.8520,
4.4604


■ 20.4222, 21.6360,
23.4615

 9.4998, 4.8110,
4.3450

 22.6658, 25.3652,
26.5455

 25.1562, 29.5371,
29.8700

 27.9011, 34.1655,
33.4405

 30.9076, 39.2638,
37.2622

Harmonies

Analogous

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



11.7060, 9.0829, 17.5974



12.6185, 9.0829, 11.4440



12.3503, 9.0829, 6.6159

Triad

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



12.6185, 9.0829, 11.4440



7.3979, 9.0829, 3.1518



6.6197, 9.0829, 20.1188

Complementary

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



12.6185, 9.0829, 11.4440



12.0219, 17.2037, 14.4923

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.



5.7483, 9.0829, 14.0969



12.6185, 9.0829, 11.4440



6.1512, 9.0829, 4.8433

Square

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



12.6185, 9.0829, 11.4440



9.1599, 9.0829, 2.8797



5.5898, 9.0829, 8.4830



8.1267, 9.0829, 23.6463

Rectangle

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



12.6185, 9.0829, 11.4440



11.5525, 9.0829, 4.5812



5.5898, 9.0829, 8.4830



6.2522, 9.0829, 18.2358

Sweetspot

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



12.6188, 9.0833, 11.4442



30.8587, 29.3674, 33.7972



10.7657, 7.9138, 21.0390



7.0970, 6.6680, 7.7219



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



12.6188, 9.0833, 11.4442



20.6693, 13.3816, 16.8576



11.7180, 8.9164, 6.1049



4.4022, 4.3740, 4.9225



9.5801, 4.8517, 4.3784



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.6188, 9.0833, 11.4442



20.6693, 13.3816, 16.8576



13.3363, 17.3068, 22.7165



4.4022, 4.3740, 4.9225



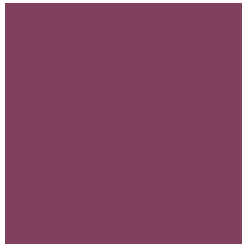
9.5801, 4.8517, 4.3784



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 12.6185, 9.0829, 11.4440 looks on a white background.

Color Contrast Check

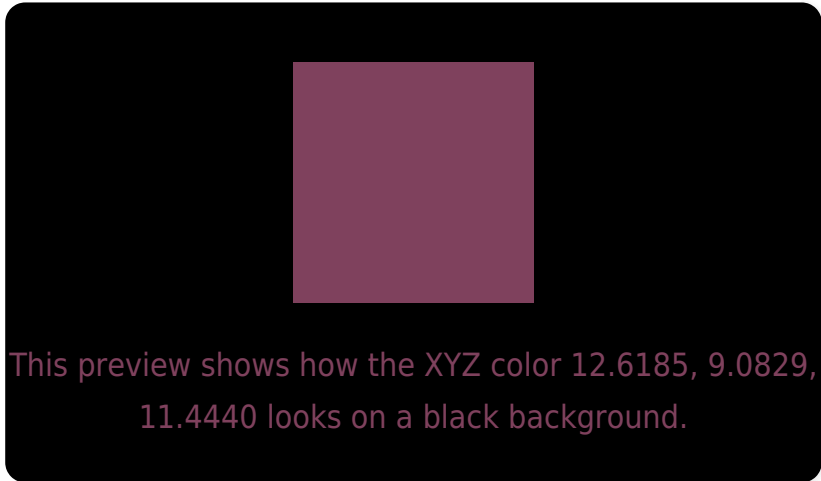
Large Text (above 18pt) WCAG AA ✓ Pass

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

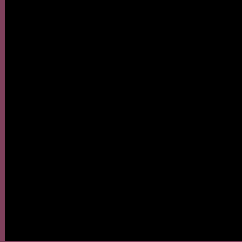
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.6185, 9.0829, 11.4440

Background



This preview shows how black text looks on a background with the XYZ color 12.6185, 9.0829, 11.4440.



This preview shows how white text looks on a background with the XYZ color 12.6185, 9.0829, 11.4440.

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

12.6185, 9.0829, 11.4440

Protanopia

9.2434, 9.2869, 14.9410

Deuteranopia

9.3524, 9.2000, 10.9557



Tritanopia

11.8216, 9.1106, 7.6140

Trichromacy



Original Color

12.6185, 9.0829, 11.4440

Protanomaly

10.1104, 8.9850, 13.5133

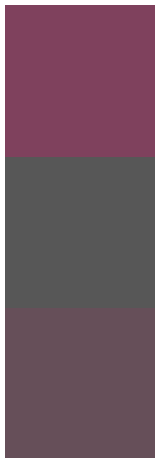
Deuteranomaly

10.2985, 8.9275, 11.0779

Tritanomaly

12.1565, 9.1639, 8.9127

Monochromacy



Original Color

12.6185, 9.0829, 11.4440

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.0786, 9.1380, 10.6838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6185, 9.0829, 11.4440 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(127, 65, 93)` looks like.

```
.text, #text, p{  
    color:rgb(127, 65, 93)  
}
```

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(127, 65, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 65, 93) }
```

Border

The CSS property to change the border of an element to XYZ 12.6185, 9.0829, 11.4440 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(127, 65, 93) }
```


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

```
.border{ border-color:rgb(127, 65, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 65, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 65, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 65, 93);  
box-shadow:4px 4px 4px 4px rgb(127, 65,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 12.6185, 9.0829, 11.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 65, 93) }
```

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

```
.background{ background-color: rgb(127, 65,  
93) }
```

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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