

Converting Colors

XYZ(11.4485, 11.8964, 9.1345)

Have a look what the booklet for
XYZ(11.4485, 11.8964, 9.1345)
contains.

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Color

**XYZ(11.4199, 11.9335,
9.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	69604F
RGB	105, 96, 79
RGB Percent	41%, 38%, 31%
CMY	0.5882, 0.6235, 0.6902
CMYK	0.00, 0.09, 0.25, 0.59
HSL	39°, 14%, 36%
HSV	39°, 25%, 41%
XYZ	11.4199, 11.9335, 9.0986
YIQ	96.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

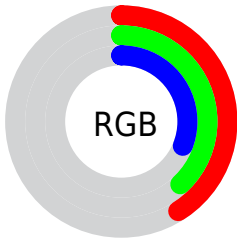
Format	Color
RYB	93, 105, 79
Decimal	6905935
CIELab	41.11, 0.56, 11.03
CIElCh	41, 11.042, 87.097
Yxy	11.9335, 0.3519, 0.3677
Android (android.graphics.Color)	4285096015 (0xFF69604F)
YUV	96.7530, -8.7522, 7.2326
Hunter-Lab	34.5449, -1.4448, 8.5653

Details

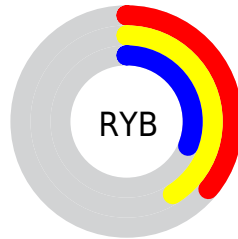
The XYZ color **11.4199, 11.9335, 9.0986** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.2640, 9.6615, 14.7414**, and the grayscale version is **11.3209, 11.9104, 12.9705**.

A 20% lighter version of the original color is **27.8855, 29.1842, 24.5855**, and **3.1313, 3.2724, 2.0567** is the 20% darker color. If you saturate the color by 10%, you get **10.7437, 11.1451, 7.1342**, and if you desaturate by 10%, it is **12.1725, 12.7778, 11.3866**.

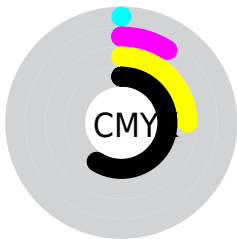
Distribution



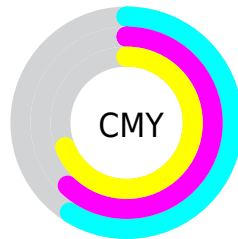
- Red (41%)
- Green (38%)
- Blue (31%)



- Red (36%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4199, 11.9335, 9.0986 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 11.4199, 11.9335, 9.0986 by changing the saturation by 10% instead.

■ 11.4199, 11.9335,
9.0986

■ 11.4199, 11.9335,
9.0986

194.3755,
203.9645, 194.3568

■ 6.4194, 6.6984,
4.7079

■ 28.0602, 29.3739,
24.6664

■ 3.1448, 3.2742,
2.0212

■ 40.4307, 42.3481,
36.6805

■ 1.2308, 1.2765,
0.5682

■ 55.9885, 58.6707,
52.0729

■ 0.1305, 0.1229,
0.0000

■ 75.0990, 78.7261,
71.2620

■ 0.0000, 0.0000,
0.0000

■ 98.1276, 102.8989,
94.6664

125.4397,

131.5732, 122.7047

157.4005,
165.1337, 155.7953

■ 11.4199, 11.9335,
9.0986

■ 11.4199, 11.9335,
9.0986

■ 10.7437, 11.1451,
7.1342

■ 12.1725, 12.7778,
11.3866

■ 10.1399, 10.4095,
5.4779

■ 13.0033, 13.6778,
14.0115

■ 9.6055, 9.7255,
4.1135

■ 13.9154, 14.6355,
16.9868

■ 9.1370, 9.0913,
3.0235

■ 14.9113, 15.6522,
20.3248

■ 8.7304, 8.5052,
2.1884

■ 15.9934, 16.7292,
24.0373

■ 8.3814, 7.9649,
1.5858

■ 17.1640, 17.8676,
28.1358

■ 8.0816, 7.4667,
1.1732

■ 18.4255, 19.0688,
32.6310

■ 7.9332, 7.2180,
0.9751

■ 19.7798, 20.3337,
37.5333

■ 21.2291, 21.6636,
42.8527

Harmonies

Analogous

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



12.1919, 11.9335, 9.6582



11.4199, 11.9335, 9.0986



10.6613, 11.9335, 9.4777

Triad

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



11.4199, 11.9335, 9.0986



10.0372, 11.9335, 15.0881



12.6728, 11.9335, 15.5156

Complementary

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



11.4199, 11.9335, 9.0986



9.2640, 9.6615, 14.7414

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.



12.0520, 11.9335, 17.2864



11.4199, 11.9335, 9.0986



10.5334, 11.9335, 17.0200

Square

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



11.4199, 11.9335, 9.0986



9.8854, 11.9335, 12.7735



11.2653, 11.9335, 17.8664



12.9361, 11.9335, 13.2162

Rectangle

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



11.4199, 11.9335, 9.0986



10.2607, 11.9335, 10.2392



11.2653, 11.9335, 17.8664



12.4976, 11.9335, 16.2022

Sweetspot

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



11.4202, 11.9340, 9.0989



22.9075, 24.0888, 23.8854



10.3875, 9.3016, 10.5023



5.3542, 5.6301, 5.5574



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.4202, 11.9340, 9.0989



19.6941, 20.4956, 14.0788



11.8411, 13.4404, 9.3674



3.2493, 3.4159, 3.3055



10.0097, 9.0691, 1.2229



50.1707, 44.5450, 5.9538

Inverse Universe

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



9.2640, 9.6615, 14.7414



15.0811, 15.6350, 26.1540



8.9044, 8.4465, 14.5259



3.0261, 3.1806, 3.8893



4.0076, 2.8495, 17.2610



19.6776, 13.0338, 87.7048

Previews

White Background



This preview shows how the XYZ color 11.4199, 11.9335, 9.0986 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 11.4199, 11.9335, 9.0986 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

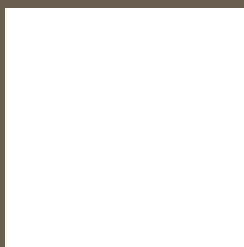
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4199, 11.9335, 9.0986

Background



This preview shows how black text looks on a background with the XYZ color 11.4199, 11.9335, 9.0986.

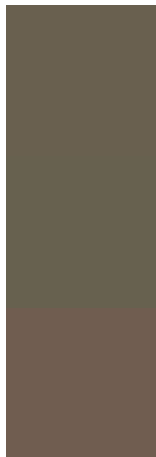


This preview shows how white text looks on a background with the XYZ color 11.4199, 11.9335,

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

11.4199, 11.9335, 9.0986

Protanopia

11.2795, 11.9975, 9.1184

Deuteranopia

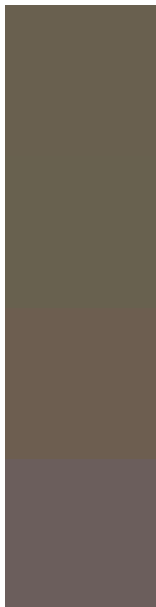
12.0444, 11.8526, 9.2424



Tritanopia

12.3989, 11.9369, 13.7072

Trichromacy



Original Color

11.4199, 11.9335, 9.0986

Protanomaly

11.3949, 12.0570, 9.1238

Deuteranomaly

11.7573, 11.8358, 9.2543

Tritanomaly

11.9979, 11.9039, 11.7905

Monochromacy



Original Color

11.4199, 11.9335, 9.0986

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3757, 11.9969, 11.3889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4199, 11.9335, 9.0986 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(105, 96, 79)` looks like.

```
.text, #text, p{  
    color:rgb(105, 96, 79)  
}
```

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(105, 96, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 96, 79) }
```

Border

The CSS property to change the border of an element to XYZ 11.4199, 11.9335, 9.0986 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(105, 96, 79) }
```


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

```
.border{ border-color:rgb(105, 96, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 96, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 96, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 96, 79);  
box-shadow:4px 4px 4px 4px rgb(105, 96,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4199, 11.9335, 9.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 96, 79) }
```

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

```
.background{ background-color: rgb(105, 96,  
79) }
```

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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