

Converting Colors

XYZ(11.2795, 11.9975, 9.1184)

Have a look what the booklet for
XYZ(11.2795, 11.9975, 9.1184)
contains.

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Color

**XYZ(11.2795, 11.9975,
9.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	67614F
RGB	103, 97, 79
RGB Percent	40%, 38%, 31%
CMY	0.5961, 0.6196, 0.6902
CMYK	0.00, 0.06, 0.23, 0.60
HSL	45°, 13%, 36%
HSV	45°, 23%, 40%
XYZ	11.2795, 11.9975, 9.1184
YIQ	96.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

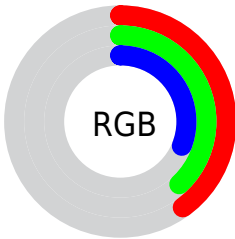
Format	Color
R _Y B	87, 103, 79
Decimal	6775119
CIE Lab	41.21, -0.90, 11.14
CIE LCh	41, 11.176, 94.595
Yxy	11.9975, 0.3482, 0.3703
Android (android.graphics.Color)	4284965199 (0xFF67614F)
YUV	96.7420, -8.7468, 5.4883
Hunter-Lab	34.6374, -2.4878, 8.6379

Details

The XYZ color **11.2795, 11.9975, 9.1184** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.9211, 9.1383, 14.1257**, and the grayscale version is **11.3184, 11.9079, 12.9677**.

A 20% lighter version of the original color is **27.8126, 29.6083, 24.6712**, and **3.1181, 3.3298, 2.0685** is the 20% darker color. If you saturate the color by 10%, you get **10.6994, 11.3915, 7.2165**, and if you desaturate by 10%, it is **11.9261, 12.6433, 11.3294**.

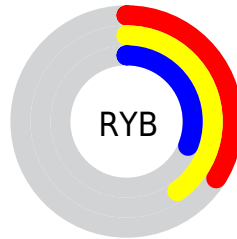
Distribution



Red (40%)

Green (38%)

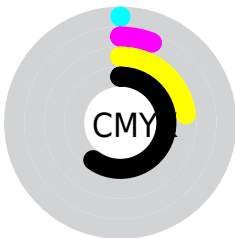
Blue (31%)



Red (34%)

Yellow (40%)

Blue (31%)

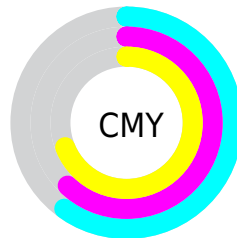


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (60%)



Cyan (60%)

Magenta (62%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2795, 11.9975, 9.1184 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 11.2795, 11.9975, 9.1184 by changing the saturation by 10% instead.

■ 11.2795, 11.9975,
9.1184

■ 11.2795, 11.9975,
9.1184

193.4441,
204.3887, 194.5092

■ 6.3238, 6.7420,
4.7206

■ 27.8043, 29.4906,
24.7049

■ 3.0855, 3.3013,
2.0284

■ 40.1041, 42.4969,
36.7307

■ 1.1991, 1.2910,
0.5727

■ 55.5826, 58.8556,
52.1362

■ 0.1057, 0.1342,
0.0000

■ 74.6053, 78.9511,
71.3401

■ 0.0000, 0.0000,
0.0000

■ 97.5374, 103.1677,
94.7608

124.7443,

131.8900, 122.8168

156.5915,
165.5022, 155.9268

■ 11.2795, 11.9975,
9.1184

■ 11.2795, 11.9975,
9.1184

■ 10.6994, 11.3915,
7.2165

■ 11.9261, 12.6433,
11.3294

■ 10.1821, 10.8224,
5.6089

■ 12.6407, 13.3283,
13.8620

■ 9.7250, 10.2895,
4.2807

■ 13.4262, 14.0543,
16.7287

■ 9.3247, 9.7914,
3.2154

■ 14.2848, 14.8222,
19.9414

■ 8.9779, 9.3265,
2.3946

■ 15.2187, 15.6331,
23.5112

■ 8.6805, 8.8931,
1.7976

■ 16.2300, 16.4878,
27.4488

■ 8.4263, 8.4887,
1.3925

■ 17.3207, 17.3872,
31.7643

■ 8.2658, 8.2280,
1.1525

■ 18.4927, 18.3323,
36.4677

■ 19.7479, 19.3239,
41.5684

Harmonies

Analogous

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



12.0814, 11.9975, 9.4489



11.2795, 11.9975, 9.1184



10.5455, 11.9975, 9.7385

Triad

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



11.2795, 11.9975, 9.1184



10.1741, 11.9975, 15.7499



12.8618, 11.9975, 15.0622

Complementary

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



11.2795, 11.9975, 9.1184



8.9211, 9.1383, 14.1257

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.



12.3064, 11.9975, 17.0698



11.2795, 11.9975, 9.1184



10.7510, 11.9975, 17.4985

Square

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



11.2795, 11.9975, 9.1184



9.9266, 11.9975, 13.4222



11.5279, 11.9975, 18.0077



13.0195, 11.9975, 12.7107

Rectangle

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



11.2795, 11.9975, 9.1184



10.1857, 11.9975, 10.6560



11.5279, 11.9975, 18.0077



12.7142, 11.9975, 15.8081

Sweetspot

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



11.2798, 11.9980, 9.1187



22.1200, 23.3782, 22.9804



10.0293, 9.1316, 9.8284



5.3858, 5.6933, 5.5679



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.



11.2798, 11.9980, 9.1187



19.6096, 20.8757, 14.3806



11.1914, 12.8064, 9.2794



2.9853, 3.1581, 3.0267



10.3712, 10.2955, 1.4406



53.3734, 52.2607, 7.2742

Inverse Universe

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



8.9211, 9.1383, 14.1257



14.5795, 14.7781, 25.0611



8.9906, 8.5027, 13.9993



2.7433, 2.8645, 3.5403



3.5116, 2.0949, 16.3636



17.7086, 9.7139, 85.1430

Previews

White Background



This preview shows how the XYZ color 11.2795, 11.9975, 9.1184 looks on a white background.

Color Contrast Check

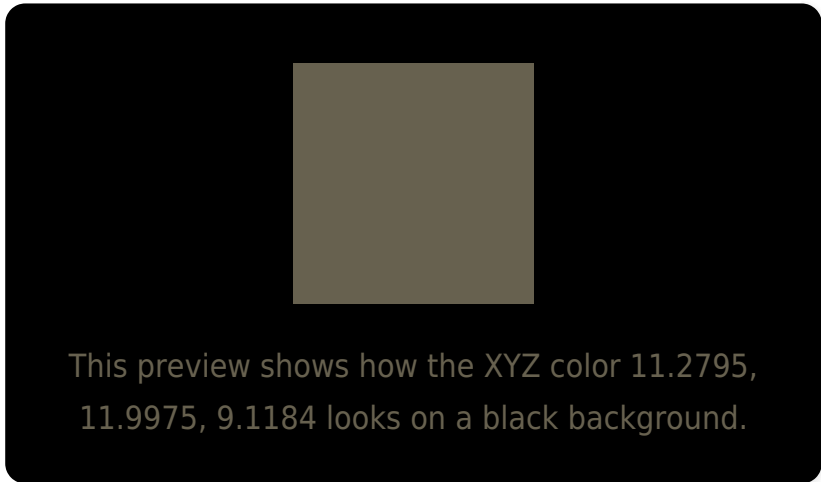
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

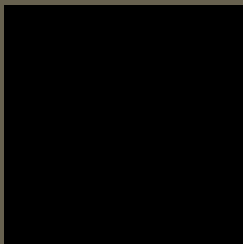
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

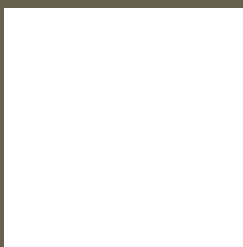
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2795, 11.9975, 9.1184

Background



This preview shows how black text looks on a background with the XYZ color 11.2795, 11.9975, 9.1184.

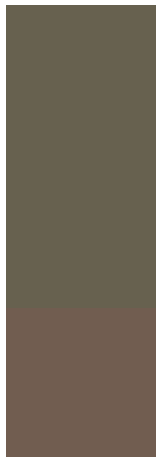


This preview shows how white text looks on a background with the XYZ color 11.2795, 11.9975,

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

11.2795, 11.9975, 9.1184

Protanopia

11.2795, 11.9975, 9.1184

Deuteranopia

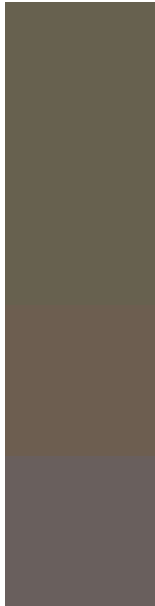
12.1724, 11.9186, 9.2484



Tritanopia

12.2955, 12.0092, 13.9819

Trichromacy



Original Color

11.2795, 11.9975, 9.1184

Protanomaly

11.2795, 11.9975, 9.1184

Deuteranomaly

11.7573, 11.8358, 9.2543

Tritanomaly

11.8937, 11.9780, 12.0410

Monochromacy



Original Color

11.2795, 11.9975, 9.1184

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2657, 11.9402, 11.3838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2795, 11.9975, 9.1184 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(103, 97, 79)` looks like.

```
.text, #text, p{  
    color:rgb(103, 97, 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(103, 97, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 97, 79) }
```

Border

The CSS property to change the border of an element to XYZ 11.2795, 11.9975, 9.1184 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(103, 97, 79) }
```


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

```
.border{ border-color:rgb(103, 97, 79) }
```

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

Here you see how a box with a 4 pixel rgb(103, 97, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 97, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 97, 79);  
box-shadow:4px 4px 4px 4px rgb(103, 97,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2795, 11.9975, 9.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 97, 79) }
```

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

```
.background{ background-color: rgb(103, 97,  
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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