

Converting Colors

XYZ(11.7657, 12.1025, 12.5090)

Have a look what the booklet for
XYZ(11.7657, 12.1025, 12.5090)
contains.

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Color

**XYZ(11.7279, 12.0167,
12.5278)**

Conversions

Conversions Part 1

Format	Color
Hex	66605F
RGB	102, 96, 95
RGB Percent	40%, 38%, 37%
CMY	0.6000, 0.6235, 0.6274
CMYK	0.00, 0.06, 0.07, 0.60
HSL	9°, 4%, 39%
HSV	9°, 7%, 40%
XYZ	11.7279, 12.0167, 12.5278
YIQ	97.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

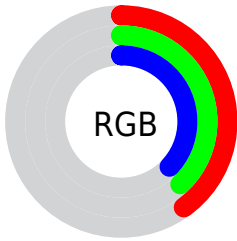
Format	Color
RYB	102, 96, 95
Decimal	6709343
CIELab	41.24, 2.19, 1.42
CIELCh	41, 2.607, 32.982
Yxy	12.0167, 0.3233, 0.3313
Android (android.graphics.Color)	4284899423 (0xFF66605F)
YUV	97.6800, -1.3212, 3.7886
Hunter-Lab	34.6651, -0.2738, 2.8385

Details

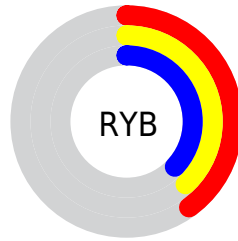
The XYZ color **11.7279, 12.0167, 12.5278** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7713, 12.6994, 14.4014**, and the grayscale version is **11.5327, 12.1333, 13.2132**.

A 20% lighter version of the original color is **28.5266, 29.3744, 30.9544**, and **3.2705, 3.3152, 3.3732** is the 20% darker color. If you saturate the color by 10%, you get **10.5408, 10.3364, 9.9924**, and if you desaturate by 10%, it is **13.0651, 13.8997, 15.4131**.

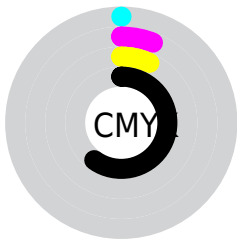
Distribution



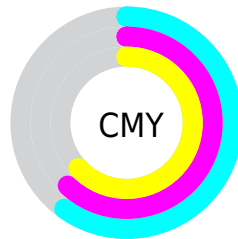
- Red (40%)
- Green (38%)
- Blue (37%)



- Red (40%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7279, 12.0167, 12.5278 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 11.7279, 12.0167, 12.5278 by changing the saturation by 10% instead.

■ 11.7279, 12.0167,
12.5278

■ 11.7279, 12.0167,
12.5278

196.4024,
204.5158, 218.9693

■ 6.6296, 6.7551,
6.9773

■ 28.6197, 29.5255,
31.1315

■ 3.2758, 3.3094,
3.3697

■ 41.1439, 42.5415,
45.0217

■ 1.3012, 1.2953,
1.2864

■ 56.8741, 58.9110,
62.5290

■ 0.1841, 0.1376,
0.0506

■ 76.1757, 79.0185,
84.0718

■ 0.0000, 0.0000,
0.0000

99.4139, 103.2483,
110.0687

126.9542,

131.9849, 140.9382

159.1619,
165.6126, 177.0989

■ 11.7279, 12.0167,
12.5278

■ 11.7279, 12.0167,
12.5278

■ 10.5408, 10.3364,
9.9924

■ 13.0651, 13.8997,
15.4131

■ 9.4975, 8.8505,
7.7929

■ 14.5564, 15.9903,
18.6601

■ 8.5929, 7.5525,
5.9153

■ 16.2068, 18.2950,
22.2810

■ 7.8210, 6.4348,
4.3446

■ 18.0209, 20.8198,
26.2873

■ 7.1756, 5.4895,
3.0643

■ 20.0030, 23.5702,
30.6898

■ 6.6498, 4.7079,
2.0565

■ 22.1573, 26.5518,
35.4990

■ 6.2360, 4.0805,
1.3015

■ 24.4878, 29.7697,
40.7251

■ 5.9259, 3.5972,
0.7764

■ 26.9985, 33.2290,
46.3777

■ 5.7028, 3.2433,
0.4173

■ 29.6932, 36.9347,
52.4664

Harmonies

Analogous

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



11.7869, 12.0167, 13.0303



11.7279, 12.0167, 12.5278



11.5868, 12.0167, 12.1820

Triad

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



11.7279, 12.0167, 12.5278



11.1020, 12.0167, 12.6188



11.4404, 12.0167, 14.1471

Complementary

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



11.7279, 12.0167, 12.5278



11.7713, 12.6994, 14.4014

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.



11.2578, 12.0167, 14.0297



11.7279, 12.0167, 12.5278



11.0638, 12.0167, 13.1382

Square

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



11.7279, 12.0167, 12.5278



11.2256, 12.0167, 12.2335



11.1205, 12.0167, 13.6567



11.6197, 12.0167, 13.9733

Rectangle

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



11.7279, 12.0167, 12.5278



11.4658, 12.0167, 12.0818



11.1205, 12.0167, 13.6567



11.3773, 12.0167, 14.1404

Sweetspot

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



11.7282, 12.0172, 12.5281



21.6619, 22.6169, 24.3246



11.9241, 11.9503, 14.0074



5.1201, 5.3495, 5.7598



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.7282, 12.0172, 12.5281



20.2686, 20.6518, 21.3277



12.0482, 12.6572, 12.6347



2.8582, 2.9038, 2.9843



7.2290, 4.0110, 0.3932



37.2950, 20.1039, 1.9148

Inverse Universe

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



11.7713, 12.6994, 14.4014



20.3583, 22.0741, 25.2334



11.4450, 12.0469, 14.2926



2.8719, 3.1219, 3.5832



7.4788, 10.0294, 17.6860



38.5197, 51.3360, 92.0800

Previews

White Background



This preview shows how the XYZ color 11.7279, 12.0167, 12.5278 looks on a white background.

Color Contrast Check

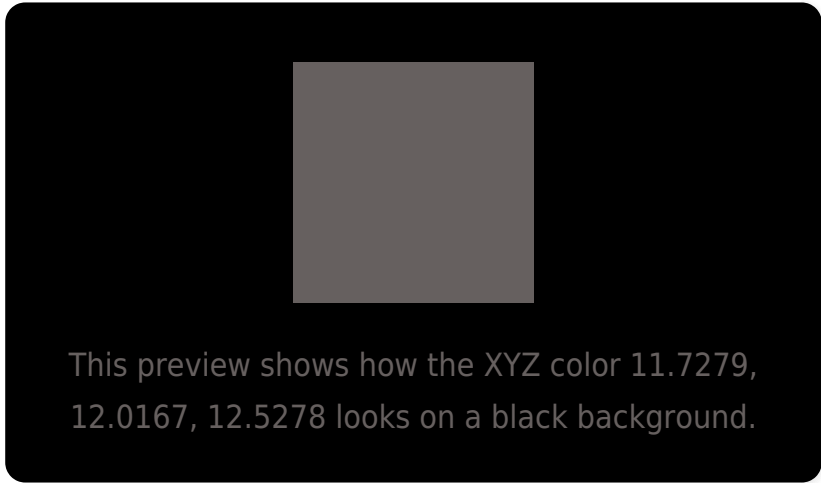
Large Text (above 18pt) WCAG AA ✓ Pass

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

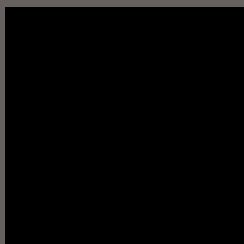
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7279, 12.0167, 12.5278

Background



This preview shows how black text looks on a background with the XYZ color 11.7279, 12.0167, 12.5278.

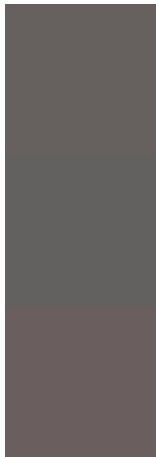


This preview shows how white text looks on a background with the XYZ color 11.7279, 12.0167,

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

11.7279, 12.0167, 12.5278

Protanopia

11.4858, 12.0283, 12.5428

Deuteranopia

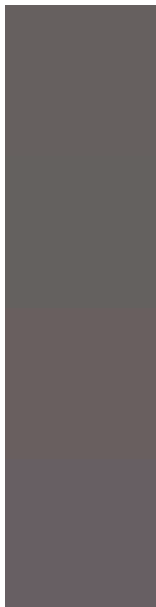
12.1317, 11.9574, 12.4951



Tritanopia

12.0840, 12.0273, 14.2550

Trichromacy



Original Color

11.7279, 12.0167, 12.5278

Protanomaly

11.5958, 12.0849, 12.5479

Deuteranomaly

11.9835, 12.0139, 12.5138

Tritanomaly

11.9379, 11.9688, 13.4854

Monochromacy



Original Color

11.7279, 12.0167, 12.5278

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5780, 12.0651, 13.0278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7279, 12.0167, 12.5278 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(102, 96, 95) looks like.

```
.text, #text, p{  
    color:rgb(102, 96, 95)  
}
```

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(102, 96, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 96, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.7279, 12.0167, 12.5278 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(102, 96, 95) }
```


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

```
.border{ border-color:rgb(102, 96, 95) }
```

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

Here you see how a box with a 4 pixel rgb(102, 96, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 96, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 96, 95);  
box-shadow:4px 4px 4px 4px rgb(102, 96,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7279, 12.0167, 12.5278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 96, 95) }
```

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

```
.background{ background-color: rgb(102, 96,  
95) }
```

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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