

Converting Colors

XYZ(10.9964, 12.4481, 6.9931)

Have a look what the booklet for
XYZ(10.9964, 12.4481, 6.9931)
contains.

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Color

**XYZ(11.0039, 12.4674,
6.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	656542
RGB	101, 101, 66
RGB Percent	40%, 40%, 26%
CMY	0.6039, 0.6039, 0.7412
CMYK	0.00, 0.00, 0.35, 0.60
HSL	60°, 21%, 33%
HSV	60°, 35%, 40%
XYZ	11.0039, 12.4674, 6.9807
YIQ	97.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

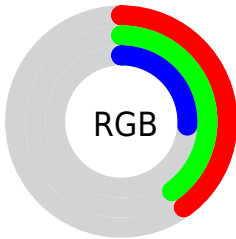
Format	Color
R _Y B	66, 101, 66
Decimal	6645058
CIE Lab	41.95, -6.09, 19.87
CIE LCh	42, 20.779, 107.047
Yxy	12.4674, 0.3614, 0.4094
Android (android.graphics.Color)	4284835138 (0xFF656542)
YUV	97.0100, -15.2879, 3.4992
Hunter-Lab	35.3092, -6.1627, 12.9947

Details

The XYZ color **11.0039, 12.4674, 6.9807** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.5443, 5.9945, 13.1247**, and the grayscale version is **11.3994, 11.9931, 13.0605**.

A 20% lighter version of the original color is **27.4024, 30.4437, 20.3515**, and **2.9322, 3.4531, 1.2710** is the 20% darker color. If you saturate the color by 10%, you get **10.7321, 12.3591, 5.5486**, and if you desaturate by 10%, it is **11.3289, 12.5979, 8.6905**.

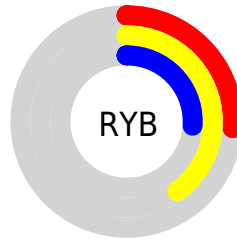
Distribution



 Red (40%)

 Green (40%)

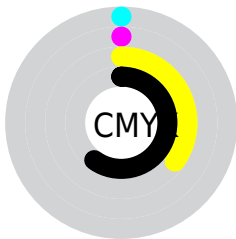
 Blue (26%)



 Red (26%)

 Yellow (40%)

 Blue (26%)

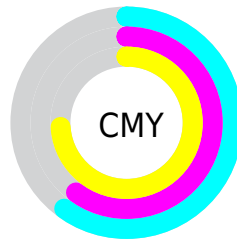


 Cyan (0%)


 Magenta (0%)

 Yellow (35%)

 Black (60%)



 Cyan (60%)

 Magenta (60%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0039, 12.4674, 6.9807 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 11.0039, 12.4674, 6.9807 by changing the saturation by 10% instead.

■ 11.0039, 12.4674,
6.9807

■ 11.0039, 12.4674,
6.9807

191.6020,
207.4755, 177.1281

■ 6.1368, 7.0628,
3.3718

■ 27.3003, 30.3436,
20.4466

■ 2.9699, 3.5014,
1.2875

■ 39.4602, 43.5840,
31.1406

■ 1.1379, 1.3988,
0.0515

■ 54.7818, 60.2051,
45.0334

■ 0.0564, 0.2158,
0.0000

■ 73.6304, 80.5913,
62.5436

■ 0.0000, 0.0000,
0.0000

■ 96.3714, 105.1271,
84.0895

■ 123.3701,

134.1968, 110.0899

154.9918,
168.1848, 140.9633

■ 11.0039, 12.4674,
6.9807

■ 11.0039, 12.4674,
6.9807

■ 10.7321, 12.3591,
5.5486

■ 11.3289, 12.5979,
8.6905

■ 10.5099, 12.2702,
4.3786

■ 11.7088, 12.7498,
10.6905

■ 10.3345, 12.2000,
3.4553

■ 12.1463, 12.9248,
12.9938

■ 10.2025, 12.1473,
2.7609

■ 12.6436, 13.1237,
15.6123

■ 10.1103, 12.1104,
2.2755

■ 13.2029, 13.3475,
18.5570

■ 10.0500, 12.0862,
1.9582

■ 13.8261, 13.5968,
21.8388

■ 10.0204, 12.0744,
1.8025

■ 14.5154, 13.8725,
25.4679

■ 15.2724, 14.1753,
29.4539

■ 16.0990, 14.5060,
33.8064

Harmonies

Analogous

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



12.5252, 12.4674, 6.8807



11.0039, 12.4674, 6.9807



9.8145, 12.4674, 8.5829

Triad

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



11.0039, 12.4674, 6.9807



9.9468, 12.4674, 20.7654



14.9720, 12.4674, 15.5633

Complementary

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



11.0039, 12.4674, 6.9807



6.5443, 5.9945, 13.1247

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.



14.1489, 12.4674, 20.2026



11.0039, 12.4674, 6.9807



11.1993, 12.4674, 23.6150

Square

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



11.0039, 12.4674, 6.9807



9.2414, 12.4674, 16.2122



12.7382, 12.4674, 23.3892



14.9082, 12.4674, 11.2403

Rectangle

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



11.0039, 12.4674, 6.9807



9.3300, 12.4674, 10.5325



12.7382, 12.4674, 23.3892



14.7870, 12.4674, 17.1530

Sweetspot

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



11.0042, 12.4680, 6.9810



20.4163, 22.0137, 20.0165



8.2988, 7.0567, 6.0791



5.0053, 5.4093, 4.8293



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.



11.0042, 12.4680, 6.9810



18.4871, 21.2420, 9.8596



9.2490, 11.5631, 6.8988



3.0402, 3.2679, 3.0450



13.1387, 15.8320, 2.3634



68.5252, 82.5720, 12.3263

Inverse Universe

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



6.5443, 5.9945, 13.1247



9.5135, 8.2170, 22.2213



7.9091, 6.6981, 13.1886



2.6929, 2.7637, 3.5235



3.0802, 1.2321, 16.2198



16.0648, 6.4259, 84.5950

Previews

White Background



This preview shows how the XYZ color 11.0039, 12.4674, 6.9807 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 11.0039, 12.4674, 6.9807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

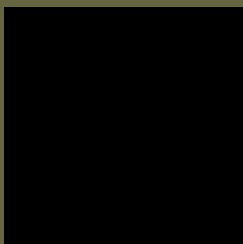
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

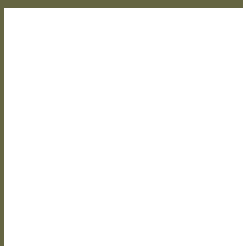
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0039, 12.4674, 6.9807

Background



This preview shows how black text looks on a background with the XYZ color 11.0039, 12.4674, 6.9807.



This preview shows how white text looks on a background with the XYZ color 11.0039, 12.4674,

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

11.0039, 12.4674, 6.9807

Protanopia

11.4794, 12.4311, 6.7954

Deuteranopia

12.5765, 12.4412, 7.0487



Tritanopia

12.5073, 12.3685, 14.8249

Trichromacy



Original Color

11.0039, 12.4674, 6.9807

Protanomaly

11.3370, 12.4993, 6.8161

Deuteranomaly

11.9699, 12.3994, 7.0726

Tritanomaly

11.9221, 12.4166, 11.4411

Monochromacy



Original Color

11.0039, 12.4674, 6.9807

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.0844, 12.0039, 10.5369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0039, 12.4674, 6.9807 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(101, 101, 66)` looks like.

```
.text, #text, p{  
    color:rgb(101, 101, 66)  
}
```

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(101, 101, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 101, 66) }
```

Border

The CSS property to change the border of an element to XYZ 11.0039, 12.4674, 6.9807 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(101, 101, 66) }
```


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

```
.border{ border-color:rgb(101, 101, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 101, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 101, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 101, 66);  
box-shadow:4px 4px 4px 4px rgb(101, 101,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0039, 12.4674, 6.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 101, 66) }
```

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

```
.background{ background-color: rgb(101,  
101, 66) }
```

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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