

Converting Colors

XYZ(7.4994, 6.0856, 7.8810)

Have a look what the booklet for
XYZ(7.4994, 6.0856, 7.8810)
contains.

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Color

XYZ(7.4696, 6.0947, 7.8039)

Conversions

Conversions Part 1

Format	Color
Hex	5D3C4D
RGB	93, 60, 77
RGB Percent	36%, 24%, 30%
CMY	0.6353, 0.7647, 0.6980
CMYK	0.00, 0.35, 0.17, 0.64
HSL	329°, 22%, 30%
HSV	329°, 35%, 36%
XYZ	7.4696, 6.0947, 7.8039
YIQ	71.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

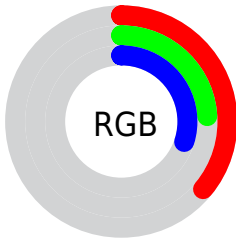
Format	Color
RYB	93, 60, 77
Decimal	6110285
CIELab	29.65, 17.40, -4.37
CIELCh	30, 17.941, 345.903
Yxy	6.0947, 0.3496, 0.2852
Android (android.graphics.Color)	4284300365 (0xFF5D3C4D)
YUV	71.8050, 2.5611, 18.5880
Hunter-Lab	24.6874, 10.8051, -1.4608

Details

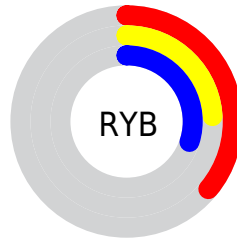
The XYZ color **7.4696, 6.0947, 7.8039** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **7.0826, 9.3113, 8.2618**, and the grayscale version is **6.1204, 6.4391, 7.0122**.

A 20% lighter version of the original color is **20.6301, 18.1608, 22.1567**, and **1.6017, 1.0915, 1.5651** is the 20% darker color. If you saturate the color by 10%, you get **6.8709, 5.1432, 6.8459**, and if you desaturate by 10%, it is **8.1654, 7.2225, 8.8489**.

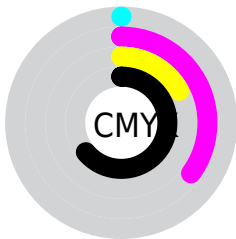
Distribution



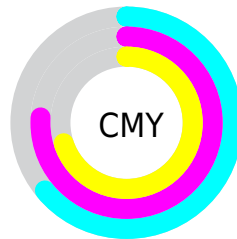
- Red (36%)
- Green (24%)
- Blue (30%)



- Red (36%)
- Yellow (24%)
- Blue (30%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (64%)



- Cyan (64%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.4696, 6.0947, 7.8039 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 7.4696, 6.0947, 7.8039 by changing the saturation by 10% instead.

7.4696, 6.0947,
7.8039

7.4696, 6.0947,
7.8039

165.9717,
159.9141, 184.0625

3.8064, 2.9028,
3.8838

20.6074, 18.1273,
22.1129

1.5932, 1.0812,
1.5618

30.8127, 27.7367,
33.3388

0.3880, 0.0000,
0.2633

43.9294, 40.2541,
47.8371

0.0000, 0.0000,
0.0000

60.3229, 56.0638,
66.0263

80.3585, 75.5503,
88.3248

104.4016, 99.0979,

115.1514

132.8176,
127.0910, 146.9244

■ 7.4696, 6.0947,
7.8039

■ 7.4696, 6.0947,
7.8039

■ 6.8709, 5.1432,
6.8459

■ 8.1654, 7.2225,
8.8489

■ 6.3640, 4.3582,
5.9717

■ 8.9621, 8.5342,
9.9831

■ 5.9440, 3.7299,
5.1788

■ 9.8640, 10.0379,
11.2088

■ 5.6052, 3.2475,
4.4641

■ 10.8749, 11.7410,
12.5285

■ 5.3412, 2.8987,
3.8242

■ 11.9986, 13.6505,
13.9444

■ 5.1344, 2.6482,
3.2519

■ 13.2384, 15.7731,
15.4585

■ 5.0458, 2.5398,
3.0105

■ 14.5978, 18.1152,
17.0729

■ 16.0799, 20.6828,
18.7896

■ 17.6879, 23.4819,
20.6105

Harmonies

Analogous

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



7.0070, 6.0947, 10.3214



7.4696, 6.0947, 7.8039



7.4543, 6.0947, 5.4687

Triad

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



7.4696, 6.0947, 7.8039



5.3694, 6.0947, 3.1586



4.7587, 6.0947, 10.4578

Complementary

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



7.4696, 6.0947, 7.8039



7.0826, 9.3113, 8.2618

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.



4.3986, 6.0947, 7.9589



7.4696, 6.0947, 7.8039



4.7277, 6.0947, 3.9526

Square

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



7.4696, 6.0947, 7.8039



6.1874, 6.0947, 3.1360



4.3879, 6.0947, 5.5910



5.4154, 6.0947, 12.0823

Rectangle

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



7.4696, 6.0947, 7.8039



7.1735, 6.0947, 4.3148



4.3879, 6.0947, 5.5910



4.6018, 6.0947, 9.6689

Sweetspot

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



7.4698, 6.0950, 7.8040



15.9544, 15.6309, 17.9344



6.5684, 5.5568, 11.0823



3.9681, 3.8658, 4.4529



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



7.4698, 6.0950, 7.8040



11.8704, 8.9785, 11.9010



6.9605, 5.8913, 5.1222



2.3744, 2.3653, 2.6823



7.1126, 3.5829, 4.1204



38.4981, 19.4395, 20.1883

Inverse Universe

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



7.4698, 6.0950, 7.8040



11.8704, 8.9785, 11.9010



7.7295, 9.5701, 11.6685



2.3744, 2.3653, 2.6823



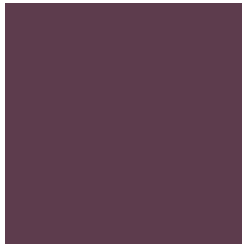
7.1126, 3.5829, 4.1204



38.4981, 19.4395, 20.1883

Previews

White Background



This preview shows how the XYZ color 7.4696, 6.0947, 7.8039 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



This preview shows how the XYZ color 7.4696, 6.0947, 7.8039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

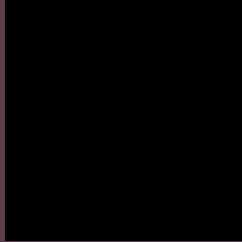
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.4696, 6.0947, 7.8039

Background



This preview shows how black text looks on a background with the XYZ color 7.4696, 6.0947, 7.8039.



This preview shows how white text looks on a background with the XYZ color 7.4696, 6.0947, 7.8039.

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

7.4696, 6.0947, 7.8039

Protanopia

6.0662, 6.1981, 9.0602

Deuteranopia

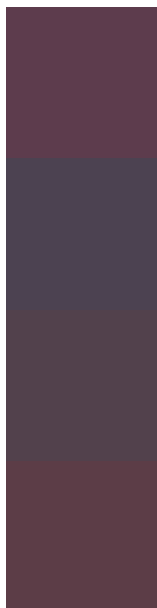
6.2733, 6.1519, 7.6943



Tritanopia

7.1494, 6.1258, 6.1158

Trichromacy



Original Color

7.4696, 6.0947, 7.8039

Protanomaly

6.4139, 6.0270, 8.6099

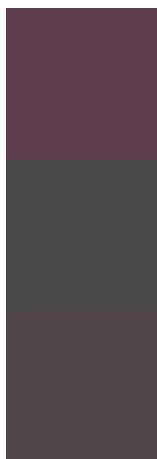
Deuteranomaly

6.6745, 6.0962, 7.6624

Tritanomaly

7.2197, 6.0677, 6.7519

Monochromacy



Original Color

7.4696, 6.0947, 7.8039

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

6.6114, 6.3341, 7.3527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.4696, 6.0947, 7.8039 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(93, 60, 77) looks like.

```
.text, #text, p{  
    color:rgb(93, 60, 77)  
}
```

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(93, 60, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 60, 77) }
```

Border

The CSS property to change the border of an element to XYZ 7.4696, 6.0947, 7.8039 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(93, 60, 77) }
```

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

```
.border{ border-color:rgb(93, 60, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 60, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 60, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 60, 77);  
box-shadow:4px 4px 4px 4px rgb(93, 60, 77)  
}
```


Background

The CSS property to change the background color of an element to XYZ 7.4696, 6.0947, 7.8039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 60, 77) }
```

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

```
.background{ background-color: rgb(93, 60,  
77) }
```

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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