

Converting Colors

XYZ(7.6142, 11.8100, 12.4679)

Have a look what the booklet for
XYZ(7.6142, 11.8100, 12.4679)
contains.

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Color

**XYZ(7.6142, 11.8100,
12.4679)**

Conversions

Conversions Part 1

Format	Color
Hex	0A6D5E
RGB	10, 109, 94
RGB Percent	4%, 43%, 37%
CMY	0.9608, 0.5725, 0.6314
CMYK	0.91, 0.00, 0.14, 0.57
HSL	171°, 83%, 23%
HSV	171°, 91%, 43%
XYZ	7.6142, 11.8100, 12.4679
YIQ	77.6890, -54.1890, -25.6530

Conversions

Conversions Part 2

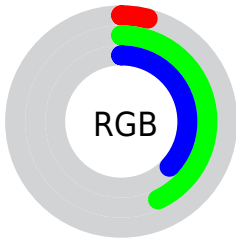
Format	Color
R_{YB}	10, 64, 109
Decimal	683358
CIE _{Lab}	40.91, -29.77, 1.01
CIE _{LCh}	41, 29.788, 178.066
Yxy	11.8100, 0.2387, 0.3703
Android (android.graphics.Color)	4278873438 (0xFF0A6D5E)
YUV	77.6890, 8.0413, -59.3633
Hunter-Lab	34.3657, -20.5908, 2.5455

Details

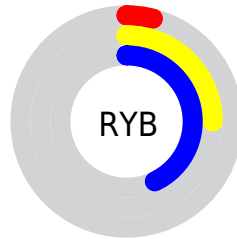
The XYZ color **7.6142, 11.8100, 12.4679** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6.5911, 3.5388, 1.2559**, and the grayscale version is **7.1762, 7.5499, 8.2218**.

A 20% lighter version of the original color is **20.8395, 29.0811, 30.9004**, and **2.1494, 3.4451, 3.3480** is the 20% darker color. If you saturate the color by 10%, you get **7.4219, 11.7189, 12.1074**, and if you desaturate by 10%, it is **7.8715, 11.9343, 12.8713**.

Distribution



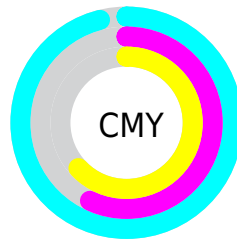
- Red (4%)
- Green (43%)
- Blue (37%)



- Red (4%)
- Yellow (25%)
- Blue (43%)



- Cyan (91%)
- Magenta (0%)
- Yellow (14%)
- Black (57%)



- Cyan (96%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.6142, 11.8100, 12.4679 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 7.6142, 11.8100, 12.4679 by changing the saturation by 10% instead.

7.6142, 11.8100,
12.4679

7.6142, 11.8100,
12.4679

167.1099,
203.1434, 218.5655

3.8988, 6.6144,
6.9368

20.8913, 29.1486,
31.0215

1.6450, 3.2222,
3.3447

31.1837, 42.0604,
44.8811

0.4215, 1.2488,
1.2732

44.3992, 58.3131,
62.3539

0.0000, 0.1010,
0.0397


60.9031, 78.2910,
83.8585


0.0000, 0.0000,
0.0000


81.0607, 102.3786,
109.8134


105.2375,


130.9603, 140.6372


 133.7988,
164.4204, 176.7484


 7.6142, 11.8100,
12.4679


 7.6142, 11.8100,
12.4679


 7.4219, 11.7189,
12.1074

 7.8715, 11.9343,
12.8713

 8.2305, 12.1105,
13.2876

 8.7029, 12.3450,
13.7175

 9.2990, 12.6431,
14.1617

 10.0276, 13.0093,
14.6205

■ 10.8968, 13.4478,
15.0945

■ 11.9140, 13.9624,
15.5839

■ 13.0861, 14.5567,
16.0893

■ 14.4196, 15.2340,
16.6109

Harmonies

Analogous

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



8.1001, 11.8100, 7.6061



7.6142, 11.8100, 12.4679



7.9896, 11.8100, 19.1933

Triad

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



7.6142, 11.8100, 12.4679



13.2609, 11.8100, 26.2080



13.5298, 11.8100, 5.2611

Complementary

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



7.6142, 11.8100, 12.4679



6.5911, 3.5388, 1.2559

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.



15.2337, 11.8100, 8.0988



7.6142, 11.8100, 12.4679



15.0652, 11.8100, 20.1013

Square

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



7.6142, 11.8100, 12.4679



11.0876, 11.8100, 28.4733



15.8278, 11.8100, 13.2584



11.3636, 11.8100, 4.3468

Rectangle

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



7.6142, 11.8100, 12.4679



8.7082, 11.8100, 23.6864



15.8278, 11.8100, 13.2584



14.1854, 11.8100, 5.9665

Sweetspot

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



7.6145, 11.8105, 12.4682



20.0420, 24.3475, 27.2941



5.9627, 11.1860, 2.1322



4.5654, 5.6160, 6.3023



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



7.6145, 11.8105, 12.4682



13.2535, 20.9693, 21.4898



5.4704, 6.3382, 15.4036



3.1631, 3.4844, 3.8426



8.6736, 13.7035, 14.1243



43.9407, 69.7234, 70.6258

Inverse Universe

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



6.5911, 3.5388, 1.2559



11.4345, 5.8783, 1.2729



7.2258, 5.0014, 0.8719



3.1167, 3.1236, 3.3451



7.4838, 3.8457, 0.9105



37.9219, 19.5107, 3.5254

Previews

White Background



This preview shows how the XYZ color 7.6142, 11.8100, 12.4679 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 7.6142, 11.8100, 12.4679 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 7.6142, 11.8100, 12.4679

Background



This preview shows how black text looks on a background with the XYZ color 7.6142, 11.8100, 12.4679.



This preview shows how white text looks on a background with the XYZ color 7.6142, 11.8100,

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

7.6142, 11.8100, 12.4679

Protanopia

11.1587, 11.7632, 10.6992

Deuteranopia

11.8977, 11.6950, 12.9395



Tritanopia

8.8136, 11.8372, 18.0399

Trichromacy



Original Color

7.6142, 11.8100, 12.4679

Protanomaly

8.8139, 11.2388, 11.3776

Deuteranomaly

9.0989, 11.0703, 12.7235

Tritanomaly

8.2649, 11.7591, 15.7440

Monochromacy



Original Color

7.6142, 11.8100, 12.4679

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

6.6408, 8.5417, 9.6862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.6142, 11.8100, 12.4679 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(10, 109, 94)` looks like.

```
.text, #text, p{  
    color:rgb(10, 109, 94)  
}
```

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(10, 109, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 109, 94) }
```

Border

The CSS property to change the border of an element to XYZ 7.6142, 11.8100, 12.4679 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(10, 109, 94) }
```


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

```
.border{ border-color:rgb(10, 109, 94) }
```

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

Here you see how a box with a 4 pixel rgb(10, 109, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 109, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 109, 94);  
box-shadow:4px 4px 4px 4px rgb(10, 109,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 7.6142, 11.8100, 12.4679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 109, 94) }
```

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

```
.background{ background-color: rgb(10, 109,  
94) }
```

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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