

Converting Colors

XYZ(7.5775, 12.5606, 10.4430)

Have a look what the booklet for
XYZ(7.5775, 12.5606, 10.4430)
contains.

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Color

**XYZ(7.5179, 12.4568,
10.3957)**

Conversions

Conversions Part 1

Format	Color
Hex	017154
RGB	1, 113, 84
RGB Percent	0%, 44%, 33%
CMY	0.9960, 0.5569, 0.6706
CMYK	0.99, 0.00, 0.26, 0.56
HSL	164°, 98%, 22%
HSV	164°, 99%, 44%
XYZ	7.5179, 12.4568, 10.3957
YIQ	76.2060, -57.4430, -32.7630

Conversions

Conversions Part 2

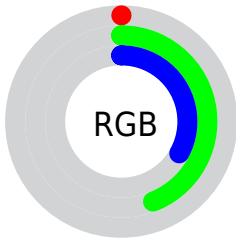
Format	Color
R_{YB}	1, 65, 113
Decimal	94548
CIE _{Lab}	41.93, -35.08, 8.47
CIE _{LCh}	42, 36.091, 166.420
Yxy	12.4568, 0.2475, 0.4102
Android (android.graphics.Color)	4278284628 (0xFF017154)
YUV	76.2060, 3.8424, -65.9557
Hunter-Lab	35.2942, -23.7431, 7.2424

Details

The XYZ color **7.5179, 12.4568, 10.3957** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7.0557, 3.6265, 1.5570**, and the grayscale version is **6.9087, 7.2685, 7.9153**.

A 20% lighter version of the original color is **20.7633, 30.4495, 27.3373**, and **2.1996, 3.8133, 2.5396** is the 20% darker color. If you saturate the color by 10%, you get **7.4954, 12.4467, 10.3416**, and if you desaturate by 10%, it is **7.7786, 12.5780, 11.0191**.

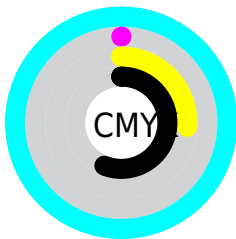
Distribution



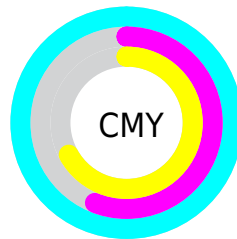
- Red (0%)
- Green (44%)
- Blue (33%)



- Red (0%)
- Yellow (25%)
- Blue (44%)



- Cyan (99%)
- Magenta (0%)
- Yellow (26%)
- Black (56%)





- Cyan (100%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.5179, 12.4568, 10.3957 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 7.5179, 12.4568, 10.3957 by changing the saturation by 10% instead.


 7.5179, 12.4568,
10.3957


 7.5179, 12.4568,
10.3957


166.3529,
207.4064, 204.0597


 3.8372, 7.0556,
5.5531


 20.7023, 30.3244,
27.1565


 1.6105, 3.4969,
2.5109

 30.9368, 43.5595,
39.9118


 0.3992, 1.3963,
0.8459

 44.0866, 60.1748,
56.1417

 0.0000, 0.2140,
0.0000


 60.5171, 80.5545,
76.2648


 0.0000, 0.0000,
0.0000


 80.5936, 105.0832,
100.6996


 104.6815,


134.1451, 129.8647


 133.1462,
168.1247, 164.1785


 7.5179, 12.4568,
10.3957


 7.5179, 12.4568,
10.3957


 7.4954, 12.4467,
10.3416

 7.7786, 12.5780,
11.0191

 8.1120, 12.7358,
11.6709

 8.5614, 12.9528,
12.3538

 9.1393, 13.2355,
13.0685

 9.8565, 13.5894,
13.8159

■ 10.7225, 14.0195,
14.5967

■ 11.7463, 14.5303,
15.4116

■ 12.9358, 15.1259,
16.2613

■ 14.2985, 15.8103,
17.1463

Harmonies

Analogous

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



8.4967, 12.4568, 5.7429



7.5179, 12.4568, 10.3957



7.5666, 12.4568, 18.1582

Triad

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



7.5179, 12.4568, 10.3957



13.3511, 12.4568, 33.1189



15.7431, 12.4568, 5.4573

Complementary

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



7.5179, 12.4568, 10.3957



7.0557, 3.6265, 1.5570

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.



17.4784, 12.4568, 9.8174



7.5179, 12.4568, 10.3957



15.9617, 12.4568, 26.4330

Square

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



7.5179, 12.4568, 10.3957



10.6748, 12.4568, 33.4620



17.5639, 12.4568, 17.3168



13.0866, 12.4568, 3.7038

Rectangle

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



7.5179, 12.4568, 10.3957



8.1706, 12.4568, 24.2985



17.5639, 12.4568, 17.3168



16.4699, 12.4568, 6.5731

Sweetspot

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



7.5182, 12.4573, 10.3960



20.7019, 25.8527, 27.3447



6.4721, 12.1022, 2.0238



4.6477, 5.9090, 6.2146



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



7.5182, 12.4573, 10.3960



13.3670, 22.2656, 18.2314



6.3911, 7.9942, 16.8295



3.4399, 3.8011, 4.1227



8.4938, 14.1150, 11.6873



41.9463, 70.1671, 56.2957

Inverse Universe

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



7.0557, 3.6265, 1.5570



12.5494, 6.4285, 2.4385



7.2110, 4.3034, 0.4795



3.4167, 3.4144, 3.7210



7.9727, 4.0815, 1.6663



39.4082, 20.2086, 6.6818

Previews

White Background



This preview shows how the XYZ color 7.5179, 12.4568, 10.3957 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 7.5179, 12.4568, 10.3957 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 7.5179, 12.4568, 10.3957

Background



This preview shows how black text looks on a background with the XYZ color 7.5179, 12.4568, 10.3957.



This preview shows how white text looks on a background with the XYZ color 7.5179, 12.4568, 10.3957.

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

7.5179, 12.4568, 10.3957

Protanopia

11.6271, 12.4628, 8.8139

Deuteranopia

12.5358, 12.3337, 10.9525



Tritanopia

9.4071, 12.5967, 18.7652

Trichromacy



Original Color

7.5179, 12.4568, 10.3957

Protanomaly

8.7130, 11.6731, 9.3833

Deuteranomaly

9.1442, 11.5686, 10.7678

Tritanomaly

8.4791, 12.3539, 15.3023

Monochromacy



Original Color

7.5179, 12.4568, 10.3957

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

6.2503, 8.3622, 8.6818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.5179, 12.4568, 10.3957 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(1, 113, 84)` looks like.

```
.text, #text, p{  
    color:rgb(1, 113, 84)  
}
```

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(1, 113, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 113, 84) }
```

Border

The CSS property to change the border of an element to XYZ 7.5179, 12.4568, 10.3957 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(1, 113, 84) }
```


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

```
.border{ border-color:rgb(1, 113, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 113, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 113, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 113, 84);  
box-shadow:4px 4px 4px 4px rgb(1, 113, 84)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.5179, 12.4568, 10.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 113, 84) }
```

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

```
.background{ background-color: rgb(1, 113,  
84) }
```

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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