

Converting Colors

XYZ(10.0272, 14.8144, 3.8900)

Have a look what the booklet for
XYZ(10.0272, 14.8144, 3.8900)
contains.

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Color

**XYZ(10.0063, 14.7405,
3.9079)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7623
RGB	79, 118, 35
RGB Percent	31%, 46%, 14%
CMY	0.6902, 0.5372, 0.8627
CMYK	0.33, 0.00, 0.70, 0.54
HSL	88°, 54%, 30%
HSV	88°, 70%, 46%
XYZ	10.0063, 14.7405, 3.9079
YIQ	96.8770, 3.3990, -34.0810

Conversions

Conversions Part 2

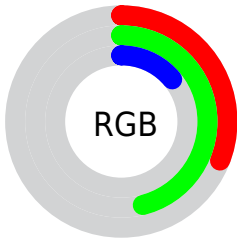
Format	Color
R_{YB}	35, 118, 74
Decimal	5207587
CIE _{Lab}	45.28, -28.03, 39.68
CIE _{LCh}	45, 48.581, 125.240
Yxy	14.7405, 0.3492, 0.5144
Android (android.graphics.Color)	4283397667 (0xFF4F7623)
YUV	96.8770, -30.5054, -15.6781
Hunter-Lab	38.3934, -20.6667, 20.8405

Details

The XYZ color **10.0063, 14.7405, 3.9079** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6.6957, 3.9663, 17.5530**, and the grayscale version is **11.4044, 11.9983, 13.0662**.

A 20% lighter version of the original color is **25.3745, 34.2306, 13.8641**, and **2.6348, 4.5175, 0.7331** is the 20% darker color. If you saturate the color by 10%, you get **9.4177, 14.4545, 3.1149**, and if you desaturate by 10%, it is **10.6930, 15.0712, 5.0140**.

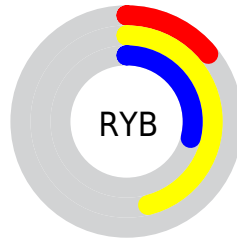
Distribution



 Red (31%)

 Green (46%)

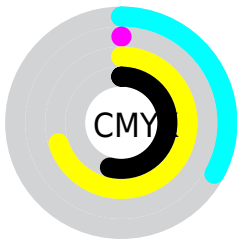
 Blue (14%)



 Red (14%)

 Yellow (46%)

 Blue (29%)

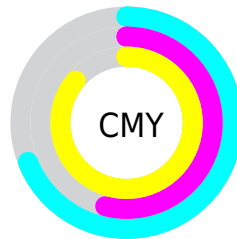


 Cyan (33%)


 Magenta (0%)

 Yellow (70%)

 Black (54%)



 Cyan (69%)

 Magenta (54%)

 Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0063, 14.7405, 3.9079 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 10.0063, 14.7405, 3.9079 by changing the saturation by 10% instead.

10.0063, 14.7405,
3.9079

10.0063, 14.7405,
3.9079

184.7697,
221.7901, 147.1961

5.4654, 8.6375,
1.5750

25.4569, 34.3973,
13.7968

2.5604, 4.5055,
0.2729

37.0974, 48.7198,
22.1898

0.9258, 1.9601,
0.0000

51.8351, 66.5510,
33.4399

0.0000, 0.5842,
0.0000

70.0354, 88.2752,
47.9657

0.0000, 0.0000,
0.0000

92.0636, 114.2768,
66.1857

118.2852,

144.9403, 88.5184

149.0654,
180.6499, 115.3823

10.0063, 14.7405,
3.9079

10.0063, 14.7405,
3.9079

9.4177, 14.4545,
3.1149

10.6930, 15.0712,
5.0140

8.9192, 14.2083,
2.6013

11.4832, 15.4474,
6.4603

8.5002, 13.9996,
2.2542

12.3826, 15.8719,
8.2723

13.3966, 16.3469,
10.4725

14.5297, 16.8745,
13.0819

■ 15.7866, 17.4565,
16.1197

■ 17.1715, 18.0948,
19.6041

■ 18.6882, 18.7908,
23.5522

■ 20.3406, 19.5464,
27.9801

Harmonies

Analogous

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



13.3161, 14.7405, 2.5568



10.0063, 14.7405, 3.9079



8.0975, 14.7405, 8.4483

Triad

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



10.0063, 14.7405, 3.9079



11.0156, 14.7405, 45.7189



23.2052, 14.7405, 14.1114

Complementary

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



10.0063, 14.7405, 3.9079



6.6957, 3.9663, 17.5530

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.



22.2684, 14.7405, 27.2231



10.0063, 14.7405, 3.9079



14.7284, 14.7405, 49.7350

Square

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



10.0063, 14.7405, 3.9079



8.5973, 14.7405, 32.5146



18.9614, 14.7405, 41.7745



21.3205, 14.7405, 6.3644

Rectangle

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



10.0063, 14.7405, 3.9079



7.6321, 14.7405, 14.2820



18.9614, 14.7405, 41.7745



23.2131, 14.7405, 17.9580

Sweetspot

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



10.0066, 14.7411, 3.9082



25.2995, 29.5547, 22.4186



10.2062, 8.8355, 2.7578



5.7170, 6.7487, 4.9214



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.0066, 14.7411, 3.9082



16.0357, 25.1572, 4.9012



7.5730, 13.4866, 3.7943



3.8087, 4.1848, 3.9493



9.1810, 15.1374, 2.4379



43.7441, 73.2527, 11.8336

Inverse Universe

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



6.6957, 3.9663, 17.5530



9.8211, 4.8985, 30.5649



10.9726, 6.1711, 17.7532



3.6490, 3.6664, 4.6056



5.2546, 2.3002, 18.7096



24.6336, 10.7076, 91.1287

Previews

White Background



This preview shows how the XYZ color 10.0063, 14.7405, 3.9079 looks on a white background.

Color Contrast Check

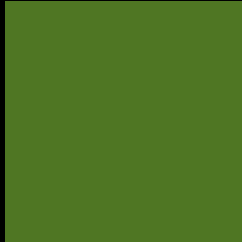
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.0063, 14.7405, 3.9079 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 10.0063, 14.7405, 3.9079

Background



This preview shows how black text looks on a background with the XYZ color 10.0063, 14.7405, 3.9079.



This preview shows how white text looks on a background with the XYZ color 10.0063, 14.7405,

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

10.0063, 14.7405, 3.9079

Protanopia

13.2641, 14.6127, 3.4879

Deuteranopia

14.8245, 14.6494, 4.1441



Tritanopia

13.1222, 14.6574, 19.5903

Trichromacy



Original Color

10.0063, 14.7405, 3.9079

Protanomaly

11.7847, 14.4819, 3.6130

Deuteranomaly

12.5388, 14.3823, 4.0347

Tritanomaly

11.5043, 14.4933, 11.4237

Monochromacy



Original Color

10.0063, 14.7405, 3.9079

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.5041, 12.7712, 8.3900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0063, 14.7405, 3.9079 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(79, 118, 35)` looks like.

```
.text, #text, p{  
    color:rgb(79, 118, 35)  
}
```

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(79, 118, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 118, 35) }
```

Border

The CSS property to change the border of an element to XYZ 10.0063, 14.7405, 3.9079 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(79, 118, 35) }
```


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

```
.border{ border-color:rgb(79, 118, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 118, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 118, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 118, 35);  
box-shadow:4px 4px 4px 4px rgb(79, 118,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0063, 14.7405, 3.9079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 118, 35) }
```

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

```
.background{ background-color: rgb(79, 118,  
35) }
```

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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