

Converting Colors

XYZ(10.1060, 14.8598, 7.6180)

Have a look what the booklet for
XYZ(10.1060, 14.8598, 7.6180)
contains.

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Color

**XYZ(10.1357, 14.9010,
7.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	467743
RGB	70, 119, 67
RGB Percent	27%, 47%, 26%
CMY	0.7255, 0.5333, 0.7372
CMYK	0.41, 0.00, 0.44, 0.53
HSL	117°, 28%, 36%
HSV	117°, 44%, 47%
XYZ	10.1357, 14.9010, 7.6522
YIQ	98.4210, -12.5120, -26.5600

Conversions

Conversions Part 2

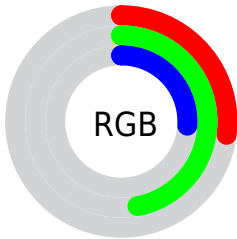
Format	Color
RYB	67, 119, 116
Decimal	4618051
CIELab	45.50, -27.97, 23.50
CIElCh	45, 36.532, 139.971
Yxy	14.9010, 0.3101, 0.4558
Android (android.graphics.Color)	4282808131 (0xFF467743)
YUV	98.4210, -15.4906, -24.9252
Hunter-Lab	38.6018, -20.6843, 15.2680

Details

The XYZ color **10.1357, 14.9010, 7.6522** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.5403, 9.0598, 18.5414**, and the grayscale version is **11.7545, 12.3666, 13.4673**.

A 20% lighter version of the original color is **25.7901, 34.8309, 21.8868**, and **2.6235, 4.5870, 1.5062** is the 20% darker color. If you saturate the color by 10%, you get **9.0801, 14.3944, 5.9270**, and if you desaturate by 10%, it is **11.4166, 15.5162, 9.7716**.

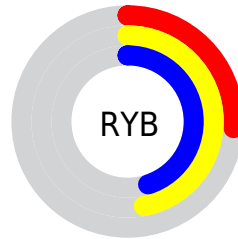
Distribution



Red (27%)

Green (47%)

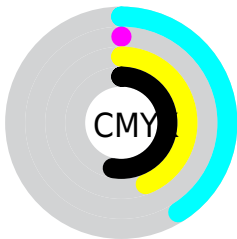
Blue (26%)



Red (26%)

Yellow (47%)

Blue (45%)

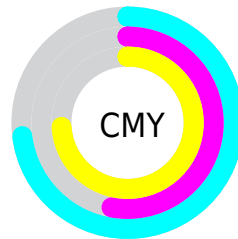


Cyan (41%)

Magenta (0%)

Yellow (44%)

Black (53%)



Cyan (73%)


Magenta (53%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.1357, 14.9010, 7.6522 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 10.1357, 14.9010, 7.6522 by changing the saturation by 10% instead.


 10.1357, 14.9010,
7.6522


 10.1357, 14.9010,
7.6522


185.6713,
222.7662, 182.8096

 5.5520, 8.7499,
3.7887


 25.6978, 34.6794,
21.8085


 2.6127, 4.5784,
1.5101

 37.4069, 49.0755,
32.9384


 0.9524, 2.0021,
0.2255

 52.2218, 66.9888,
47.3275

 0.0000, 0.6087,
0.0000

 70.5079, 88.8036,
65.3943

 0.0000, 0.0000,
0.0000

 92.6305, 114.9044,
87.5573

118.9551,

145.6755, 114.2352

149.8469,
181.5013, 145.8464

■ 10.1357, 14.9010,
7.6522

■ 10.1357, 14.9010,
7.6522

■ 9.0801, 14.3944,
5.9270

■ 11.4166, 15.5162,
9.7716

■ 8.2357, 13.9882,
4.5708

■ 12.9335, 16.2436,
12.3065

■ 7.5885, 13.6763,
3.5571

■ 14.6979, 17.0893,
15.2777

■ 7.1226, 13.4512,
2.8551

■ 16.7202, 18.0581,
18.7044

■ 6.8182, 13.3035,
2.4239

■ 19.0102, 19.1547,
22.6045

■ 6.6830, 13.2386,
2.2031

■ 21.5771, 20.3834,
26.9953

■ 24.4298, 21.7486,
31.8928

■ 27.5768, 23.2542,
37.3125

■ 31.0260, 24.9041,
43.2693

Harmonies

Analogous

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



12.2556, 14.9010, 5.0161



10.1357, 14.9010, 7.6522



9.1439, 14.9010, 13.4760

Triad

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



10.1357, 14.9010, 7.6522



13.1675, 14.9010, 38.9748



20.4101, 14.9010, 11.1445

Complementary

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



10.1357, 14.9010, 7.6522



12.5403, 9.0598, 18.5414

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.



20.7470, 14.9010, 19.3238



10.1357, 14.9010, 7.6522



16.2585, 14.9010, 37.6411

Square

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



10.1357, 14.9010, 7.6522



10.7207, 14.9010, 32.7515



19.1365, 14.9010, 29.5775



18.2728, 14.9010, 6.4733

Rectangle

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



10.1357, 14.9010, 7.6522



9.1432, 14.9010, 19.3051



19.1365, 14.9010, 29.5775



20.7484, 14.9010, 13.4907

Sweetspot

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



10.1361, 14.9016, 7.6525



26.4433, 30.6604, 27.5675



14.8133, 16.7114, 7.7553



6.1186, 7.1952, 6.2829



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.1361, 14.9016, 7.6525



16.3234, 25.8059, 10.7172



10.7377, 15.1179, 11.9216



3.6584, 4.1074, 3.9423



7.0971, 14.0630, 2.3404



34.3420, 68.4057, 11.3936

Inverse Universe

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



12.5403, 9.0598, 18.5414



21.1975, 13.9403, 32.8266



11.7483, 8.7898, 12.2573



3.8068, 3.7477, 4.6130



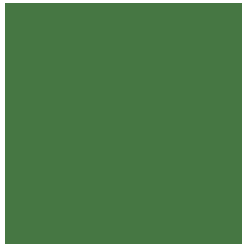
10.6532, 5.0832, 18.9622



51.6635, 24.6420, 92.3937

Previews

White Background



This preview shows how the XYZ color 10.1357, 14.9010, 7.6522 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 10.1357, 14.9010, 7.6522 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 10.1357, 14.9010, 7.6522

Background



This preview shows how black text looks on a background with the XYZ color 10.1357, 14.9010, 7.6522.



This preview shows how white text looks on a background with the XYZ color 10.1357, 14.9010,

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

10.1357, 14.9010, 7.6522

Protanopia

13.6261, 14.7258, 6.8268

Deuteranopia

15.0408, 14.8226, 8.0295



Tritanopia

12.8113, 14.9647, 20.6256

Trichromacy



Original Color

10.1357, 14.9010, 7.6522

Protanomaly

11.9767, 14.5057, 7.0191

Deuteranomaly

12.7585, 14.5676, 7.9337

Tritanomaly

11.5896, 14.7986, 14.8159

Monochromacy



Original Color

10.1357, 14.9010, 7.6522

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.8988, 13.0709, 10.9653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1357, 14.9010, 7.6522 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(70, 119, 67)` looks like.

```
.text, #text, p{  
    color:rgb(70, 119, 67)  
}
```

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(70, 119, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 119, 67) }
```

Border

The CSS property to change the border of an element to XYZ 10.1357, 14.9010, 7.6522 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(70, 119, 67) }
```


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

```
.border{ border-color:rgb(70, 119, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 119, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 119, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 119, 67);  
box-shadow:4px 4px 4px 4px rgb(70, 119,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1357, 14.9010, 7.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 119, 67) }
```

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

```
.background{ background-color: rgb(70, 119,  
67) }
```

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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