

Converting Colors

XYZ(10.7095, 14.8644, 9.1875)

Have a look what the booklet for
XYZ(10.7095, 14.8644, 9.1875)
contains.

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Color

**XYZ(10.6463, 14.7809,
9.1294)**

Conversions

Conversions Part 1

Format	Color
Hex	4C754C
RGB	76, 117, 76
RGB Percent	30%, 46%, 30%
CMY	0.7020, 0.5412, 0.7020
CMYK	0.35, 0.00, 0.35, 0.54
HSL	120°, 21%, 38%
HSV	120°, 35%, 46%
XYZ	10.6463, 14.7809, 9.1294
YIQ	100.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

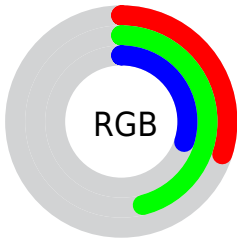
Format	Color
RYB	76, 117, 117
Decimal	5010764
CIELab	45.33, -23.34, 18.21
CIELCh	45, 29.605, 142.043
Yxy	14.7809, 0.3081, 0.4277
Android (android.graphics.Color)	4283200844 (0xFF4C754C)
YUV	100.0670, -11.8650, -21.1068
Hunter-Lab	38.4459, -17.8509, 12.8331

Details

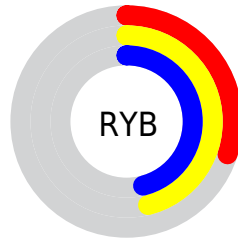
The XYZ color **10.6463, 14.7809, 9.1294** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.1319, 10.2354, 18.1136**, and the grayscale version is **12.1619, 12.7953, 13.9341**.

A 20% lighter version of the original color is **26.4938, 34.2922, 24.6247**, and **2.7933, 4.4800, 2.0138** is the 20% darker color. If you saturate the color by 10%, you get **9.4295, 14.1969, 7.1389**, and if you desaturate by 10%, it is **12.1069, 15.4830, 11.5182**.

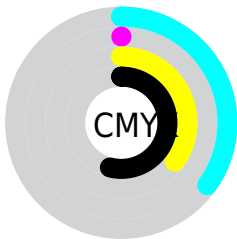
Distribution



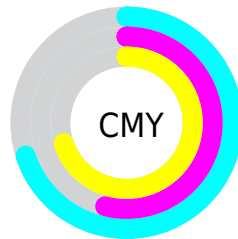
- Red (30%)
- Green (46%)
- Blue (30%)



- Red (30%)
- Yellow (46%)
- Blue (46%)



- Cyan (35%)
- Magenta (0%)
- Yellow (35%)
- Black (54%)



- Cyan (70%)
- Magenta (54%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6463, 14.7809, 9.1294 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 10.6463, 14.7809, 9.1294 by changing the saturation by 10% instead.

10.6463, 14.7809,
9.1294

10.6463, 14.7809,
9.1294

189.1835,
222.0362, 194.5938

5.8951, 8.6658,
4.7277

26.6430, 34.4684,
24.7263

2.8214, 4.5238,
2.0325

38.6192, 48.8095,
36.7585

1.0600, 1.9707,
0.5751

53.7344, 66.6613,
52.1714

0.0000, 0.5904,
0.0000

72.3541, 88.4084,
71.3834

0.0000, 0.0000,
0.0000

94.8434, 114.4350,
94.8131

121.5678,

145.1256, 122.8791

152.8927,
180.8645, 155.9998

■ 10.6463, 14.7809,
9.1294

■ 10.6463, 14.7809,
9.1294

■ 9.4295, 14.1969,
7.1389

■ 12.1069, 15.4830,
11.5182

■ 8.4423, 13.7227,
5.5241

■ 13.8225, 16.3070,
14.3243

■ 7.6706, 13.3519,
4.2617


■ 15.8047, 17.2592,
17.5666


■ 7.0982, 13.0770,
3.3255


■ 18.0643, 18.3446,
21.2625


■ 6.7069, 12.8891,
2.6855


■ 20.6114, 19.5681,
25.4287


 6.4660, 12.7733,
2.2913

 23.4556, 20.9343,
30.0808

 6.3616, 12.7232,
2.1206

 26.6060, 22.4476,
35.2338

 30.0714, 24.1122,
40.9020

 33.8602, 25.9322,
47.0991

Harmonies

Analogous

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



12.3509, 14.7809, 6.5349



10.6463, 14.7809, 9.1294



9.8737, 14.7809, 14.2943

Triad

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



10.6463, 14.7809, 9.1294



13.4055, 14.7809, 33.5357



18.8934, 14.7809, 11.5352

Complementary

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



10.6463, 14.7809, 9.1294



13.1319, 10.2354, 18.1136

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.



19.2607, 14.7809, 18.0385



10.6463, 14.7809, 9.1294



15.8956, 14.7809, 32.1554

Square

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



10.6463, 14.7809, 9.1294



11.3412, 14.7809, 29.2775



18.1085, 14.7809, 25.9216



17.1563, 14.7809, 7.6156

Rectangle

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



10.6463, 14.7809, 9.1294



9.9200, 14.7809, 19.0821



18.1085, 14.7809, 25.9216



19.1887, 14.7809, 13.4351

Sweetspot

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



10.6467, 14.7815, 9.1297



26.0283, 29.8134, 27.7388



15.0026, 17.0271, 9.3334



5.9032, 6.8156, 6.2449



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.



10.6467, 14.7815, 9.1297



17.2785, 25.6104, 13.4270



11.4766, 15.1135, 13.5001



3.6406, 4.0982, 3.9415



7.0088, 14.0175, 2.3363



34.1546, 68.3091, 11.3850

Inverse Universe

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



13.1319, 10.2354, 18.1136



22.4373, 16.1737, 32.0756



12.0554, 9.8048, 12.4449



3.8266, 3.7579, 4.6139



11.6203, 5.5818, 19.0066



56.6272, 27.2010, 92.6211

Previews

White Background



This preview shows how the XYZ color 10.6463, 14.7809, 9.1294 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 10.6463, 14.7809, 9.1294 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 10.6463, 14.7809, 9.1294

Background



This preview shows how black text looks on a background with the XYZ color 10.6463, 14.7809, 9.1294.



This preview shows how white text looks on a background with the XYZ color 10.6463, 14.7809,

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

10.6463, 14.7809, 9.1294

Protanopia

13.6299, 14.6963, 8.2492

Deuteranopia

14.7668, 14.5029, 9.4182



Tritanopia

12.8405, 14.8292, 19.9549

Trichromacy



Original Color

10.6463, 14.7809, 9.1294

Protanomaly

12.2539, 14.6166, 8.4788

Deuteranomaly

12.8172, 14.2536, 9.2834

Tritanomaly

11.9093, 14.7834, 15.3225

Monochromacy



Original Color

10.6463, 14.7809, 9.1294

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.3567, 13.2875, 11.8637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6463, 14.7809, 9.1294 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(76, 117, 76)` looks like.

```
.text, #text, p{  
    color:rgb(76, 117, 76)  
}
```

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(76, 117, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 117, 76) }
```

Border

The CSS property to change the border of an element to XYZ 10.6463, 14.7809, 9.1294 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(76, 117, 76) }
```


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

```
.border{ border-color:rgb(76, 117, 76) }
```

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

Here you see how a box with a 4 pixel rgb(76, 117, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 117, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 117, 76);  
box-shadow:4px 4px 4px 4px rgb(76, 117,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6463, 14.7809, 9.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 117, 76) }
```

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

```
.background{ background-color: rgb(76, 117,  
76) }
```

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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