

Converting Colors

XYZ(10.6819, 14.8143, 9.5537)

Have a look what the booklet for
XYZ(10.6819, 14.8143, 9.5537)
contains.

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Color

**XYZ(10.6381, 14.7685,
9.4976)**

Conversions

Conversions Part 1

Format	Color
Hex	4B754E
RGB	75, 117, 78
RGB Percent	29%, 46%, 31%
CMY	0.7059, 0.5412, 0.6941
CMYK	0.36, 0.00, 0.33, 0.54
HSL	124°, 22%, 38%
HSV	124°, 36%, 46%
XYZ	10.6381, 14.7685, 9.4976
YIQ	99.9960, -12.5130, -21.0330

Conversions

Conversions Part 2

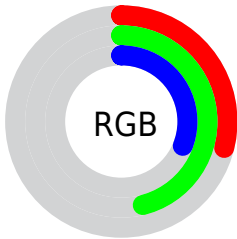
Format	Color
RYB	75, 114, 117
Decimal	4945230
CIELab	45.32, -23.33, 17.02
CIElCh	45, 28.878, 143.892
Yxy	14.7685, 0.3048, 0.4231
Android (android.graphics.Color)	4283135310 (0xFF4B754E)
YUV	99.9960, -10.8440, -21.9215
Hunter-Lab	38.4298, -17.8400, 12.2478

Details

The XYZ color **10.6381, 14.7685, 9.4976** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.8900, 10.0293, 17.1768**, and the grayscale version is **12.1415, 12.7738, 13.9107**.

A 20% lighter version of the original color is **26.4762, 34.2682, 25.2977**, and **2.7936, 4.4771, 2.1558** is the 20% darker color. If you saturate the color by 10%, you get **9.4480, 14.1967, 7.5740**, and if you desaturate by 10%, it is **12.0617, 15.4540, 11.7688**.

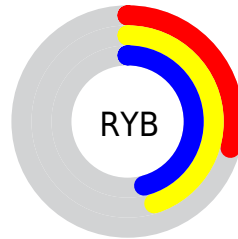
Distribution



Red (29%)

Green (46%)

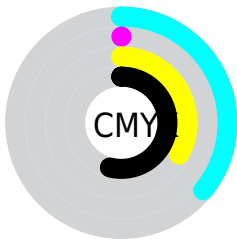
Blue (31%)



Red (29%)

Yellow (45%)

Blue (46%)

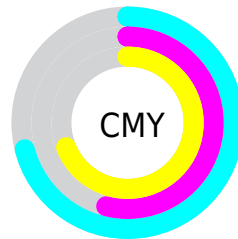


Cyan (36%)

Magenta (0%)

Yellow (33%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6381, 14.7685, 9.4976 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 10.6381, 14.7685, 9.4976 by changing the saturation by 10% instead.

■ 10.6381, 14.7685,
9.4976

■ 10.6381, 14.7685,
9.4976

189.1276,
221.9607, 197.4005

■ 5.8895, 8.6571,
4.9659

■ 26.6279, 34.4465,
25.4390

■ 2.8180, 4.5182,
2.1689

■ 38.5999, 48.7820,
37.6858

■ 1.0583, 1.9674,
0.6563

■ 53.7103, 66.6275,
53.3415

■ 0.0000, 0.5885,
0.0000

■ 72.3246, 88.3675,
72.8244

■ 0.0000, 0.0000,
0.0000

■ 94.8082, 114.3865,
96.5533

121.5263,

145.0687, 124.9466

152.8443,
180.7987, 158.4228

■ 10.6381, 14.7685,
9.4976

■ 10.6381, 14.7685,
9.4976

■ 9.4480, 14.1967,
7.5740

■ 12.0617, 15.4540,
11.7688

■ 8.4777, 13.7309,
5.9798

■ 13.7292, 16.2571,
14.4025

■ 7.7143, 13.3649,
4.6970

■ 15.6516, 17.1835,
17.4140

■ 7.1426, 13.0915,
3.7052

■ 17.8390, 18.2381,
20.8172

■ 6.7454, 12.9024,
2.9816

■ 20.3010, 19.4255,
24.6256

■ 6.4931, 12.7827,
2.4996

■ 23.0465, 20.7502,
28.8519

■ 6.4074, 12.7415,
2.3616

■ 26.0843, 22.2163,
33.5083

■ 29.4227, 23.8279,
38.6063

■ 33.0695, 25.5888,
44.1574

Harmonies

Analogous

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



12.2547, 14.7685, 6.7905



10.6381, 14.7685, 9.4976



9.9409, 14.7685, 14.7185

Triad

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



10.6381, 14.7685, 9.4976



13.5531, 14.7685, 33.0646



18.6783, 14.7685, 11.3119

Complementary

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



10.6381, 14.7685, 9.4976



12.8900, 10.0293, 17.1768

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.



19.1273, 14.7685, 17.5238



10.6381, 14.7685, 9.4976



15.9843, 14.7685, 31.3888

Square

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



10.6381, 14.7685, 9.4976



11.4963, 14.7685, 29.2492



18.0923, 14.7685, 25.1635



16.9270, 14.7685, 7.6107

Rectangle

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



10.6381, 14.7685, 9.4976



10.0273, 14.7685, 19.4563



18.0923, 14.7685, 25.1635



18.9943, 14.7685, 13.1195

Sweetspot

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



10.6385, 14.7691, 9.4979



26.1143, 29.8478, 28.1919



14.5974, 16.8222, 9.1344



5.9245, 6.8241, 6.3570



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.



10.6385, 14.7691, 9.4979



17.2691, 25.5899, 14.1336



11.5060, 15.1161, 14.0660



3.6503, 4.1021, 3.9922



7.0566, 14.0367, 2.5885



34.2625, 68.3523, 11.9533

Inverse Universe

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



12.8900, 10.0293, 17.1768



21.9312, 15.7704, 30.0301



11.8373, 9.6082, 11.6335



3.8159, 3.7536, 4.5573



11.1006, 5.3740, 16.2697



53.9612, 26.1346, 78.5819

Previews

White Background



This preview shows how the XYZ color 10.6381, 14.7685, 9.4976 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 10.6381, 14.7685, 9.4976 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 10.6381, 14.7685, 9.4976

Background



This preview shows how black text looks on a background with the XYZ color 10.6381, 14.7685, 9.4976.



This preview shows how white text looks on a background with the XYZ color 10.6381, 14.7685,

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

10.6381, 14.7685, 9.4976

Protanopia

13.5640, 14.6546, 8.5923

Deuteranopia

14.8408, 14.5324, 9.8074



Tritanopia

12.8126, 14.8078, 20.2721

Trichromacy



Original Color

10.6381, 14.7685, 9.4976

Protanomaly

12.2100, 14.5862, 8.8285

Deuteranomaly

12.7691, 14.2204, 9.6612

Tritanomaly

11.8754, 14.7600, 15.5877

Monochromacy



Original Color

10.6381, 14.7685, 9.4976

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.4002, 13.3049, 12.0925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6381, 14.7685, 9.4976 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(75, 117, 78)` looks like.

```
.text, #text, p{  
    color:rgb(75, 117, 78)  
}
```

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(75, 117, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 117, 78) }
```

Border

The CSS property to change the border of an element to XYZ 10.6381, 14.7685, 9.4976 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(75, 117, 78) }
```


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

```
.border{ border-color:rgb(75, 117, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 117, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 117, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 117, 78);  
box-shadow:4px 4px 4px 4px rgb(75, 117,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6381, 14.7685, 9.4976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 117, 78) }
```

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

```
.background{ background-color: rgb(75, 117,  
78) }
```

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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