

Converting Colors

XYZ(10.4085, 15.6727, 6.9199)

Have a look what the booklet for
XYZ(10.4085, 15.6727, 6.9199)
contains.

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Color

**XYZ(10.3276, 15.5581,
6.8736)**

Conversions

Conversions Part 1

Format	Color
Hex	467A3D
RGB	70, 122, 61
RGB Percent	27%, 48%, 24%
CMY	0.7255, 0.5216, 0.7608
CMYK	0.43, 0.00, 0.50, 0.52
HSL	111°, 33%, 36%
HSV	111°, 50%, 48%
XYZ	10.3276, 15.5581, 6.8736
YIQ	99.4980, -11.4110, -29.9950

Conversions

Conversions Part 2

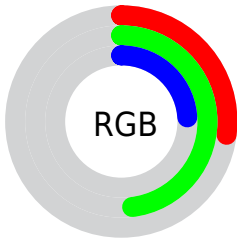
Format	Color
R_{YB}	61, 122, 113
Decimal	4618813
CIE Lab	46.39, -30.33, 27.93
CIE LCh	46, 41.230, 137.353
Yxy	15.5581, 0.3153, 0.4749
Android (android.graphics.Color)	4282808893 (0xFF467A3D)
YUV	99.4980, -18.9795, -25.8697
Hunter-Lab	39.4438, -22.2897, 17.2786

Details

The XYZ color **10.3276, 15.5581, 6.8736** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.9926, 8.2539, 19.3743**, and the grayscale version is **12.0345, 12.6612, 13.7881**.

A 20% lighter version of the original color is **26.0296, 35.8507, 20.2998**, and **2.7182, 4.9282, 1.2599** is the 20% darker color. If you saturate the color by 10%, you get **9.3494, 15.0880, 5.3033**, and if you desaturate by 10%, it is **11.5114, 16.1264, 8.8445**.

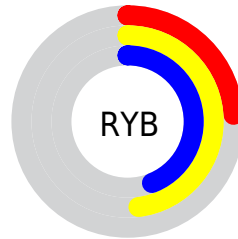
Distribution



Red (27%)

Green (48%)

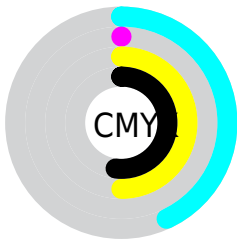
Blue (24%)



Red (24%)

Yellow (48%)

Blue (44%)

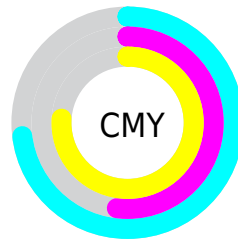


Cyan (43%)

Magenta (0%)

Yellow (50%)

Black (52%)



Cyan (73%)


Magenta (52%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.3276, 15.5581, 6.8736 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 10.3276, 15.5581, 6.8736 by changing the saturation by 10% instead.

 10.3276, 15.5581,
6.8736


 10.3276, 15.5581,
6.8736


186.9997,
226.7198, 176.2001


 5.6806, 9.2120,
3.3059


 26.0540, 35.8293,
20.2270


 2.6907, 4.8797,
1.2529

 37.8642, 50.5232,
30.8498


 0.9924, 2.1769,
0.0227

 52.7927, 68.7686,
44.6614

 0.0000, 0.7073,
0.0000

 71.2051, 90.9497,
62.0803

 0.0000, 0.0000,
0.0000

 93.4666, 117.4509,
83.5251

 119.9427,

148.6568, 109.4143

150.9986,
184.9516, 140.1665

■ 10.3276, 15.5581,
6.8736

■ 10.3276, 15.5581,
6.8736

■ 9.3494, 15.0880,
5.3033

■ 11.5114, 16.1264,
8.8445

■ 8.5638, 14.7087,
4.1053

■ 12.9104, 16.7961,
11.2399

■ 7.9580, 14.4148,
3.2491


■ 14.5352, 17.5725,
14.0829


■ 7.5173, 14.1993,
2.6988


■ 16.3952, 18.4600,
17.3947


■ 7.2093, 14.0483,
2.3316


■ 18.4994, 19.4628,
21.1951

 7.2092, 14.0483,
2.3316

 20.8562, 20.5848,
25.5028

 23.4736, 21.8299,
30.3355

 26.3592, 23.2015,
35.7101

 29.5206, 24.7032,
41.6427

Harmonies

Analogous

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



12.8502, 15.5581, 4.3201



10.3276, 15.5581, 6.8736



9.0942, 15.5581, 13.0232

Triad

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



10.3276, 15.5581, 6.8736



13.3478, 15.5581, 43.9415



22.2759, 15.5581, 11.7691

Complementary

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



10.3276, 15.5581, 6.8736



11.9926, 8.2539, 19.3743

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.



22.4664, 15.5581, 21.5728



10.3276, 15.5581, 6.8736



16.9104, 15.5581, 43.1645

Square

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



10.3276, 15.5581, 6.8736



10.6416, 15.5581, 35.6871



20.3758, 15.5581, 33.8604



19.8906, 15.5581, 6.2721

Rectangle

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



10.3276, 15.5581, 6.8736



9.0156, 15.5581, 19.5575



20.3758, 15.5581, 33.8604



22.6109, 15.5581, 14.5673

Sweetspot

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



10.3280, 15.5588, 6.8739



27.0358, 31.6131, 27.3723



14.7575, 16.2521, 6.7743



6.0578, 7.1692, 6.0384



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.



10.3280, 15.5588, 6.8739



16.2272, 26.4369, 8.9854



10.4209, 15.5265, 10.5008



4.0009, 4.4757, 4.2775



7.5849, 14.7874, 2.4545



35.7234, 70.3015, 11.6867

Inverse Universe

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



11.9926, 8.2539, 19.3743



19.4915, 11.9928, 33.6804



12.0272, 8.4083, 13.2119



4.0992, 4.0490, 5.0087



9.7043, 4.5755, 19.7570



45.7291, 21.5362, 94.2165

Previews

White Background



This preview shows how the XYZ color 10.3276, 15.5581, 6.8736 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 10.3276, 15.5581, 6.8736 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 10.3276, 15.5581, 6.8736

Background



This preview shows how black text looks on a background with the XYZ color 10.3276, 15.5581, 6.8736.



This preview shows how white text looks on a background with the XYZ color 10.3276, 15.5581,

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

10.3276, 15.5581, 6.8736

Protanopia

14.1996, 15.5122, 6.1167

Deuteranopia

15.5773, 15.2688, 7.1272



Tritanopia

13.2485, 15.5105, 21.3643

Trichromacy



Original Color

10.3276, 15.5581, 6.8736

Protanomaly

12.2605, 15.1649, 6.2839

Deuteranomaly

13.0403, 15.0540, 7.0689

Tritanomaly

11.9693, 15.5162, 14.6760

Monochromacy



Original Color

10.3276, 15.5581, 6.8736

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

10.9219, 13.2460, 10.5754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3276, 15.5581, 6.8736 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, 122, 61)` looks like.

```
.text, #text, p{  
    color:rgb(70, 122, 61)  
}
```

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, 122, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 122, 61) }
```

Border

The CSS property to change the border of an element to XYZ 10.3276, 15.5581, 6.8736 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, 122, 61) }
```


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

```
.border{ border-color:rgb(70, 122, 61) }
```

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

Here you see how a box with a 4 pixel rgb(70, 122, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 122, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 122, 61);  
box-shadow:4px 4px 4px 4px rgb(70, 122,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3276, 15.5581, 6.8736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 122, 61) }
```

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

```
.background{ background-color: rgb(70, 122,  
61) }
```

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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