

Converting Colors

XYZ(10.3726, 15.4059, 8.0341)

Have a look what the booklet for
XYZ(10.3726, 15.4059, 8.0341)
contains.

XYZ(10.3658, 15.3696, 8.0505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.3658, 15.3696,
8.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	457945
RGB	69, 121, 69
RGB Percent	27%, 47%, 27%
CMY	0.7294, 0.5255, 0.7294
CMYK	0.43, 0.00, 0.43, 0.53
HSL	120°, 27%, 37%
HSV	120°, 43%, 47%
XYZ	10.3658, 15.3696, 8.0505
YIQ	99.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

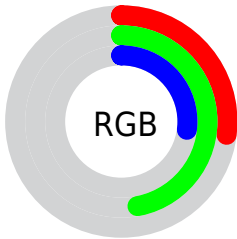
Format	Color
RYB	69, 121, 121
Decimal	4553029
CIELab	46.14, -28.94, 23.19
CIElCh	46, 37.086, 141.298
Yxy	15.3696, 0.3068, 0.4549
Android (android.graphics.Color)	4282743109 (0xFF457945)
YUV	99.5240, -15.0483, -26.7695
Hunter-Lab	39.2041, -21.4106, 15.2677

Details

The XYZ color **10.3658, 15.3696, 8.0505** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.4650, 9.7020, 19.2528**, and the grayscale version is **12.0320, 12.6586, 13.7852**.

A 20% lighter version of the original color is **26.1518, 35.5732, 22.6275**, and **2.7134, 4.8198, 1.6515** is the 20% darker color. If you saturate the color by 10%, you get **9.2554, 14.8367, 6.2339**, and if you desaturate by 10%, it is **11.7287, 16.0247, 10.2795**.

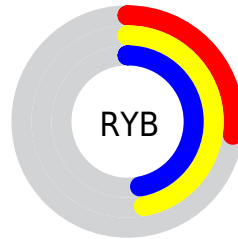
Distribution



Red (27%)

Green (47%)

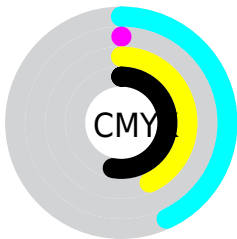
Blue (27%)



Red (27%)

Yellow (47%)

Blue (47%)

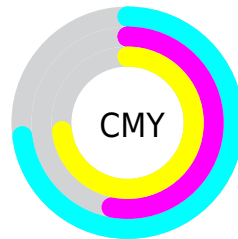


Cyan (43%)

Magenta (0%)

Yellow (43%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3658, 15.3696, 8.0505 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 10.3658, 15.3696, 8.0505 by changing the saturation by 10% instead.

■ 10.3658, 15.3696,
8.0505

■ 10.3658, 15.3696,
8.0505

187.2629,
225.5925, 186.0769

■ 5.7063, 9.0792,
4.0390

■ 26.1248, 35.5003,
22.6052

■ 2.7063, 4.7929,
1.6468

■ 37.9549, 50.1093,
33.9855

■ 1.0004, 2.1263,
0.3239

■ 52.9060, 68.2601,
48.6592

■ 0.0000, 0.6793,
0.0000

■ 71.3434, 90.3368,
67.0448

■ 0.0000, 0.0000,
0.0000

■ 93.6324, 116.7241,
89.5608

120.1384,

147.8062, 116.6258

151.2268,
183.9675, 148.6583

■ 10.3658, 15.3696,
8.0505

■ 10.3658, 15.3696,
8.0505

■ 9.2554, 14.8367,
6.2339

■ 11.7287, 16.0247,
10.2795

■ 8.3809, 14.4166,
4.8036

■ 13.3570, 16.8069,
12.9429

■ 7.7256, 14.1019,
3.7317

■ 15.2642, 17.7230,
16.0624

■ 7.2702, 13.8831,
2.9867

■ 17.4625, 18.7790,
19.6581

■ 6.9906, 13.7488,
2.5294

■ 19.9633, 19.9802,
23.7487

■ 6.8377, 13.6753,
2.2792

■ 22.7775, 21.3320,
28.3519

■ 25.9155, 22.8394,
33.4846

■ 29.3871, 24.5069,
39.1629

■ 33.2016, 26.3393,
45.4023

Harmonies

Analogous

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



12.5131, 15.3696, 5.2035



10.3658, 15.3696, 8.0505



9.3934, 15.3696, 14.2409

Triad

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



10.3658, 15.3696, 8.0505



13.7094, 15.3696, 40.4635



21.0231, 15.3696, 11.1827

Complementary

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



10.3658, 15.3696, 8.0505



13.4650, 9.7020, 19.2528

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.



21.4654, 15.3696, 19.5043



10.3658, 15.3696, 8.0505



16.9253, 15.3696, 38.7115

Square

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



10.3658, 15.3696, 8.0505



11.1330, 15.3696, 34.2923



19.8744, 15.3696, 30.1235



18.7407, 15.3696, 6.5059

Rectangle

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



10.3658, 15.3696, 8.0505



9.4290, 15.3696, 20.3760



19.8744, 15.3696, 30.1235



21.4038, 15.3696, 13.5556

Sweetspot

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



10.3662, 15.3702, 8.0508



27.2051, 31.6745, 28.5531



15.7974, 18.1701, 8.3049



6.0688, 7.1696, 6.2806



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.



10.3662, 15.3702, 8.0508



16.5162, 26.5400, 11.0694



11.3576, 15.7668, 13.2716



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6507

Inverse Universe

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



13.4650, 9.7020, 19.2528



22.8771, 14.9048, 34.0638



12.0793, 9.1477, 11.9559



4.1545, 4.0775, 5.0112



12.1486, 5.8356, 19.8710



57.9498, 27.8363, 94.7867

Previews

White Background



This preview shows how the XYZ color 10.3658, 15.3696, 8.0505 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 10.3658, 15.3696, 8.0505 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 10.3658, 15.3696, 8.0505

Background



This preview shows how black text looks on a background with the XYZ color 10.3658, 15.3696, 8.0505.



This preview shows how white text looks on a background with the XYZ color 10.3658, 15.3696,

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

10.3658, 15.3696, 8.0505

Protanopia

14.0018, 15.2294, 7.0521

Deuteranopia

15.3588, 15.1275, 8.4137



Tritanopia

13.0771, 15.4222, 21.3563

Trichromacy



Original Color

10.3658, 15.3696, 8.0505

Protanomaly

12.2553, 14.9703, 7.3979

Deuteranomaly

12.9300, 14.8079, 8.3076

Tritanomaly

11.8405, 15.2586, 15.4178

Monochromacy



Original Color

10.3658, 15.3696, 8.0505

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.2856, 13.5702, 11.4757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3658, 15.3696, 8.0505 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(69, 121, 69)` looks like.

```
.text, #text, p{  
    color:rgb(69, 121, 69)  
}
```

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(69, 121, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 121, 69) }
```

Border

The CSS property to change the border of an element to XYZ 10.3658, 15.3696, 8.0505 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(69, 121, 69) }
```


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

```
.border{ border-color:rgb(69, 121, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 121, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 121, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 121, 69);  
box-shadow:4px 4px 4px 4px rgb(69, 121,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3658, 15.3696, 8.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 121, 69) }
```

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

```
.background{ background-color: rgb(69, 121,  
69) }
```

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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