

Converting Colors

XYZ(10.1751, 13.5758, 6.0535)

Have a look what the booklet for
XYZ(10.1751, 13.5758, 6.0535)
contains.

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Color

**XYZ(10.1945, 13.6057,
6.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	556F3A
RGB	85, 111, 58
RGB Percent	33%, 44%, 23%
CMY	0.6667, 0.5647, 0.7725
CMYK	0.23, 0.00, 0.48, 0.56
HSL	89°, 31%, 33%
HSV	89°, 48%, 44%
XYZ	10.1945, 13.6057, 6.0918
YIQ	97.1840, 1.5170, -21.9950

Conversions

Conversions Part 2

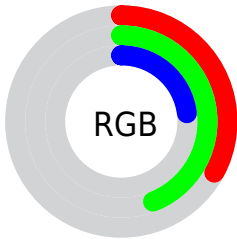
Format	Color
RYB	58, 111, 84
Decimal	5599034
CIELab	43.66, -19.60, 26.37
CIELCh	44, 32.858, 126.621
Yxy	13.6057, 0.3410, 0.4552
Android (android.graphics.Color)	4283789114 (0xFF556F3A)
YUV	97.1840, -19.3177, -10.6854
Hunter-Lab	36.8859, -15.2166, 16.0282

Details

The XYZ color **10.1945, 13.6057, 6.0918** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.0390, 6.0590, 15.7855**, and the grayscale version is **11.4537, 12.0502, 13.1226**.

A 20% lighter version of the original color is **25.8521, 32.4692, 18.5403**, and **2.6495, 3.9961, 1.0125** is the 20% darker color. If you saturate the color by 10%, you get **9.4666, 13.2601, 4.7394**, and if you desaturate by 10%, it is **11.0220, 13.9965, 7.7674**.

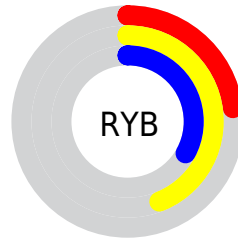
Distribution



Red (33%)

Green (44%)

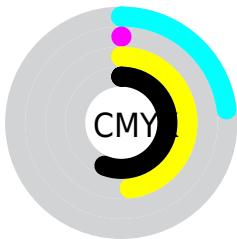
Blue (23%)



Red (23%)

Yellow (44%)

Blue (33%)

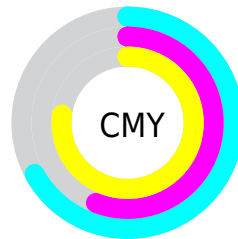


Cyan (23%)

Magenta (0%)

Yellow (48%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1945, 13.6057, 6.0918 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 10.1945, 13.6057, 6.0918 by changing the saturation by 10% instead.

10.1945, 13.6057,
6.0918

10.1945, 13.6057,
6.0918

186.0794,
214.7639, 169.2221

5.5914, 7.8469,
2.8313

25.8071, 32.3877,
18.6021

2.6365, 3.9972,
1.0091

37.5472, 46.1798,
28.6889

0.9646, 1.6720,
0.0000

52.3971, 63.4185,
41.8883

0.0000, 0.4054,
0.0000

70.7220, 84.4881,
58.6188

0.0000, 0.0000,
0.0000

92.8873, 109.7730,
79.2989

119.2584,

139.6577, 104.3471

150.2007,
174.5265, 134.1820

■ 10.1945, 13.6057,
6.0918

■ 10.1945, 13.6057,
6.0918

■ 9.4666, 13.2601,
4.7394

■ 11.0220, 13.9965,
7.7674

■ 8.8326, 12.9558,
3.6883

■ 11.9527, 14.4326,
9.7843

■ 8.2874, 12.6913,
2.9157

■ 12.9908, 14.9163,
12.1604

■ 7.8251, 12.4640,
2.3948

■ 14.1404, 15.4492,
14.9119

■ 7.4301, 12.2677,
2.0481

■ 15.4050, 16.0329,
18.0543

■ 7.3463, 12.2260,
1.9727

■ 16.7882, 16.6689,
21.6018

■ 18.2933, 17.3585,
25.5684

■ 19.9233, 18.1031,
29.9671

■ 21.6815, 18.9041,
34.8104

Harmonies

Analogous

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



12.3686, 13.6057, 4.7138



10.1945, 13.6057, 6.0918



8.8946, 13.6057, 9.8649

Triad

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



10.1945, 13.6057, 6.0918



11.0629, 13.6057, 32.0394



18.5071, 13.6057, 13.2369

Complementary

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



10.1945, 13.6057, 6.0918



8.0390, 6.0590, 15.7855

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.



18.0363, 13.6057, 21.1917



10.1945, 13.6057, 6.0918



13.5119, 13.6057, 33.8638

Square

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



10.1945, 13.6057, 6.0918



9.3474, 13.6057, 24.9990



16.1199, 13.6057, 29.3790



17.3322, 13.6057, 7.8569

Rectangle

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



10.1945, 13.6057, 6.0918



8.5878, 13.6057, 13.9933



16.1199, 13.6057, 29.3790



18.5382, 13.6057, 15.6668

Sweetspot

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



10.1948, 13.6063, 6.0921



23.9315, 27.0200, 23.3564



10.4604, 9.9668, 5.3756



5.6667, 6.4530, 5.4154



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.1948, 13.6063, 6.0921



16.8533, 23.6966, 8.3154



8.2453, 12.6013, 6.0009



3.4919, 3.8389, 3.6303



8.6261, 14.3906, 2.3230



41.9722, 71.1715, 11.5253

Inverse Universe

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



8.0390, 6.0590, 15.7855



12.4981, 8.4473, 27.9015



10.8278, 7.4966, 15.9160



3.3589, 3.3733, 4.2283



5.1728, 2.2761, 17.8883



24.7768, 10.8273, 89.0631

Previews

White Background



This preview shows how the XYZ color 10.1945, 13.6057, 6.0918 looks on a white background.

Color Contrast Check

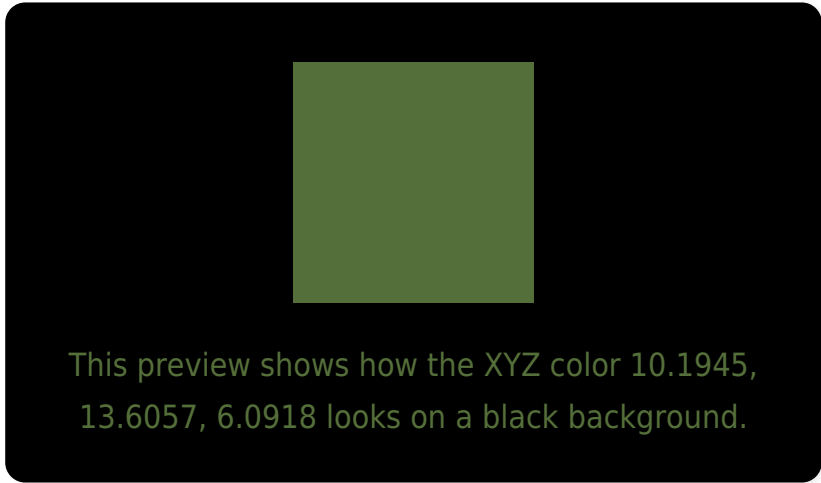
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.1945, 13.6057, 6.0918

Background



This preview shows how black text looks on a background with the XYZ color 10.1945, 13.6057, 6.0918.



This preview shows how white text looks on a background with the XYZ color 10.1945, 13.6057,

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

10.1945, 13.6057, 6.0918

Protanopia

12.3499, 13.4870, 5.5668

Deuteranopia

13.6674, 13.4323, 6.2872



Tritanopia

12.5464, 13.6226, 17.5909

Trichromacy



Original Color

10.1945, 13.6057, 6.0918

Protanomaly

11.4614, 13.4772, 5.7387

Deuteranomaly

12.0963, 13.3417, 6.2126

Tritanomaly

11.4499, 13.4794, 12.3542

Monochromacy



Original Color

10.1945, 13.6057, 6.0918

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8269, 12.4544, 10.0169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1945, 13.6057, 6.0918 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(85, 111, 58) looks like.

```
.text, #text, p{  
    color:rgb(85, 111, 58)  
}
```

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(85, 111, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 111, 58) }
```

Border

The CSS property to change the border of an element to XYZ 10.1945, 13.6057, 6.0918 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(85, 111, 58) }
```


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

```
.border{ border-color:rgb(85, 111, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 111, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 111, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 111, 58);  
box-shadow:4px 4px 4px 4px rgb(85, 111,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1945, 13.6057, 6.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 111, 58) }
```

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

```
.background{ background-color: rgb(85, 111,  
58) }
```

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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