

Converting Colors

XYZ(10.1456, 11.5447, 3.5626)

Have a look what the booklet for
XYZ(10.1456, 11.5447, 3.5626)
contains.

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Color

**XYZ(10.1040, 11.5141,
3.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	666126
RGB	102, 97, 38
RGB Percent	40%, 38%, 15%
CMY	0.6000, 0.6196, 0.8510
CMYK	0.00, 0.05, 0.63, 0.60
HSL	55°, 46%, 27%
HSV	55°, 63%, 40%
XYZ	10.1040, 11.5141, 3.5236
YIQ	91.7690, 21.9190, -17.2890

Conversions

Conversions Part 2

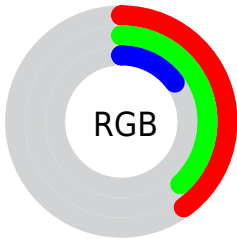
Format	Color
R_{YB}	43, 102, 38
Decimal	6709542
CIE _{Lab}	40.43, -6.39, 33.56
CIE _{LCh}	40, 34.167, 100.776
Yxy	11.5141, 0.4019, 0.4580
Android (android.graphics.Color)	4284899622 (0xFF666126)
YUV	91.7690, -26.5081, 8.9726
Hunter-Lab	33.9324, -6.2301, 17.5959

Details

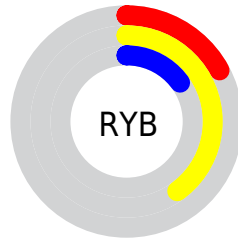
The XYZ color **10.1040, 11.5141, 3.5236** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.0614, 3.0990, 12.9543**, and the grayscale version is **10.1753, 10.7052, 11.6579**.

A 20% lighter version of the original color is **25.6310, 28.5079, 12.9558**, and **2.6520, 3.1245, 0.4633** is the 20% darker color. If you saturate the color by 10%, you get **9.8884, 11.3111, 2.7483**, and if you desaturate by 10%, it is **10.3660, 11.7377, 4.5374**.

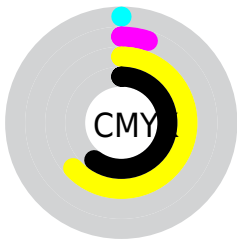
Distribution



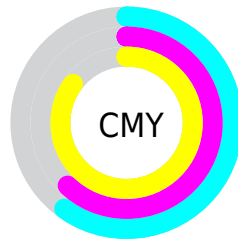
- Red (40%)
- Green (38%)
- Blue (15%)



- Red (17%)
- Yellow (40%)
- Blue (15%)



- Cyan (0%)
- Magenta (5%)
- Yellow (63%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1040, 11.5141, 3.5236 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 10.1040, 11.5141, 3.5236 by changing the saturation by 10% instead.

10.1040, 11.5141,
3.5236

10.1040, 11.5141,
3.5236

185.4509,
201.1614, 142.7731

5.5308, 6.4137,
1.3678

25.6388, 28.6070,
12.8952

2.5998, 3.0983,
0.1164

37.3311, 41.3683,
20.9481

0.9459, 1.1832,
0.0000

52.1272, 57.4521,
31.8038

0.0000, 0.0480,
0.0000

70.3923, 77.2427,
45.8809

0.0000, 0.0000,
0.0000

92.4919, 101.1245,
63.5978

118.7913,

129.4820, 85.3731

149.6558,
162.6995, 111.6254

10.1040, 11.5141,
3.5236

10.1040, 11.5141,
3.5236

9.8884, 11.3111,
2.7483

10.3660, 11.7377,
4.5374

9.7146, 11.1257,
2.1908

10.6770, 11.9816,
5.8067

9.5775, 10.9560,
1.8225

11.0403, 12.2476,
7.3477

9.4853, 10.8366,
1.5917

11.4587, 12.5369,
9.1752

11.9348, 12.8504,
11.3028

■ 12.4711, 13.1892,
13.7433

■ 13.0697, 13.5541,
16.5088

■ 13.7329, 13.9461,
19.6107

■ 14.4628, 14.3660,
23.0597

Harmonies

Analogous

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



12.5335, 11.5141, 3.7441



10.1040, 11.5141, 3.5236



8.1998, 11.5141, 4.9593

Triad

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



10.1040, 11.5141, 3.5236



7.8099, 11.5141, 23.2921



15.9013, 11.5141, 17.4076

Complementary

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



10.1040, 11.5141, 3.5236



4.0614, 3.0990, 12.9543

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.



14.2404, 11.5141, 25.4336



10.1040, 11.5141, 3.5236



9.4946, 11.5141, 29.5997

Square

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



10.1040, 11.5141, 3.5236



7.0099, 11.5141, 15.1720



11.8289, 11.5141, 30.5015



16.1279, 11.5141, 10.2261

Rectangle

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



10.1040, 11.5141, 3.5236



7.3924, 11.5141, 7.1311



11.8289, 11.5141, 30.5015



15.4819, 11.5141, 20.1536

Sweetspot

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



10.1043, 11.5146, 3.5238



20.3522, 22.1584, 17.2265



6.6148, 4.3879, 2.8161



4.7623, 5.2013, 3.8908



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.1043, 11.5146, 3.5238



17.1993, 19.6904, 4.3440



8.0290, 11.1519, 3.5632



3.0229, 3.2333, 3.0392



12.1699, 13.8930, 2.0402



63.1816, 71.8771, 10.5436

Inverse Universe

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



4.0614, 3.0990, 12.9543



5.6280, 3.5882, 22.4416



5.2494, 3.4581, 12.9610



2.7084, 2.7949, 3.5287



3.1774, 1.4265, 16.2522



16.2960, 6.8886, 84.6721

Previews

White Background



This preview shows how the XYZ color 10.1040, 11.5141, 3.5236 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 10.1040, 11.5141, 3.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

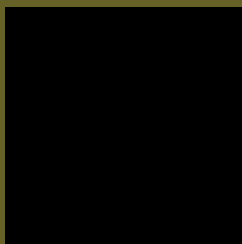
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

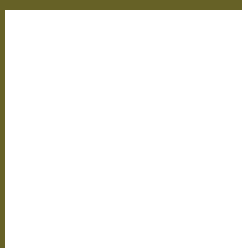
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1040, 11.5141, 3.5236

Background



This preview shows how black text looks on a background with the XYZ color 10.1040, 11.5141, 3.5236.



This preview shows how white text looks on a background with the XYZ color 10.1040, 11.5141,

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

10.1040, 11.5141, 3.5236

Protanopia

10.4766, 11.5699, 3.5148

Deuteranopia

11.5953, 11.4869, 3.6135



Tritanopia

12.0091, 11.4898, 13.1401

Trichromacy



Original Color

10.1040, 11.5141, 3.5236

Protanomaly

10.3584, 11.5089, 3.5092

Deuteranomaly

10.9627, 11.4199, 3.5459

Tritanomaly

11.0446, 11.3538, 8.4469

Monochromacy



Original Color

10.1040, 11.5141, 3.5236

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

9.9963, 10.9601, 7.7195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1040, 11.5141, 3.5236 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(102, 97, 38)` looks like.

```
.text, #text, p{  
    color:rgb(102, 97, 38)  
}
```

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(102, 97, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 97, 38) }
```

Border

The CSS property to change the border of an element to XYZ 10.1040, 11.5141, 3.5236 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(102, 97, 38) }
```


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

```
.border{ border-color:rgb(102, 97, 38) }
```

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

Here you see how a box with a 4 pixel rgb(102, 97, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 97, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 97, 38);  
box-shadow:4px 4px 4px 4px rgb(102, 97,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1040, 11.5141, 3.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 97, 38) }
```

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

```
.background{ background-color: rgb(102, 97,  
38) }
```

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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