

Converting Colors

XYZ(10.1359, 10.4382, 1.9499)

Have a look what the booklet for
XYZ(10.1359, 10.4382, 1.9499)
contains.

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Color

**XYZ(10.1315, 10.3934,
1.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	6F580F
RGB	111, 88, 15
RGB Percent	44%, 35%, 6%
CMY	0.5647, 0.6549, 0.9412
CMYK	0.00, 0.21, 0.86, 0.56
HSL	46°, 76%, 25%
HSV	46°, 86%, 44%
XYZ	10.1315, 10.3934, 1.9241
YIQ	86.5550, 37.1410, -17.8270

Conversions

Conversions Part 2

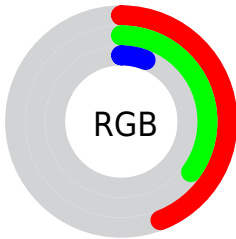
Format	Color
R_{YB}	45, 111, 15
Decimal	7297039
CIE _{Lab}	38.54, 1.99, 41.94
CIE _{LCh}	39, 41.987, 87.285
Yxy	10.3934, 0.4513, 0.4630
Android (android.graphics.Color)	4285487119 (0xFF6F580F)
YUV	86.5550, -35.2766, 21.4383
Hunter-Lab	32.2388, -0.3217, 19.0286

Details

The XYZ color **10.1315, 10.3934, 1.9241** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.7594, 2.6356, 15.3495**, and the grayscale version is **9.0315, 9.5018, 10.3475**.

A 20% lighter version of the original color is **25.7685, 26.6656, 8.7899**, and **2.6675, 2.6576, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **9.8525, 9.9393, 1.5113**, and if you desaturate by 10%, it is **10.4554, 10.8790, 2.5322**.

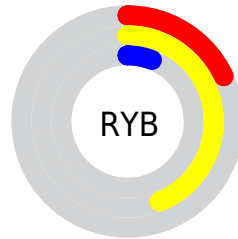
Distribution



Red (44%)

Green (35%)

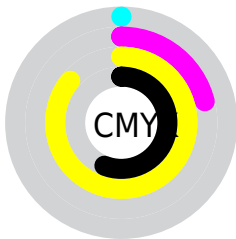
Blue (6%)



Red (18%)

Yellow (44%)

Blue (6%)

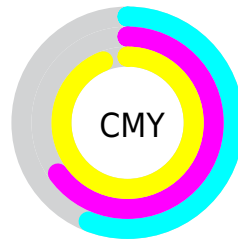


Cyan (0%)

Magenta (21%)

Yellow (86%)

Black (56%)



Cyan (56%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1315, 10.3934, 1.9241 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 10.1315, 10.3934, 1.9241 by changing the saturation by 10% instead.

■ 10.1315, 10.3934,
1.9241

■ 10.1315, 10.3934,
1.9241

185.6421,
193.4572, 121.1868

■ 5.5492, 5.6606,
0.5080

■ 25.6900, 26.5329,
8.8322

■ 2.6110, 2.6398,
0.0000

■ 37.3968, 38.7083,
15.2295

■ 0.9515, 0.9467,
0.0000

■ 52.2093, 54.1333,
24.1471


■ 0.0000, 0.0000,
0.0000


■ 70.4926, 73.1925,
36.0034


■ 92.6122, 96.2700,
51.2169


■ 118.9334,


123.7504, 70.2063

 149.8216,
156.0180, 93.3901


 10.1315, 10.3934,
1.9241


 10.1315, 10.3934,
1.9241


 9.8525, 9.9393,
1.5113

 10.4554, 10.8790,
2.5322

 9.7577, 9.7837,
1.3742

 10.8353, 11.3995,
3.3963

 11.2764, 11.9576,
4.5430

 11.7832, 12.5550,
5.9951

 12.3597, 13.1935,
7.7732

■ 13.0095, 13.8748,
9.8962

■ 13.7360, 14.6002,
12.3814

■ 14.5424, 15.3712,
15.2450

■ 15.4315, 16.1891,
18.5021

Harmonies

Analogous

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



13.0244, 10.3934, 2.7539



10.1315, 10.3934, 1.9241



7.6454, 10.3934, 2.4833

Triad

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



10.1315, 10.3934, 1.9241



5.8816, 10.3934, 19.7851



15.0348, 10.3934, 21.6457

Complementary

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



10.1315, 10.3934, 1.9241



3.7594, 2.6356, 15.3495

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.



12.5091, 10.3934, 30.8425



10.1315, 10.3934, 1.9241



7.2851, 10.3934, 29.4624

Square

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



10.1315, 10.3934, 1.9241



5.4786, 10.3934, 10.6136



9.6300, 10.3934, 34.2161



16.1651, 10.3934, 12.0501

Rectangle

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



10.1315, 10.3934, 1.9241



6.4776, 10.3934, 3.8337



9.6300, 10.3934, 34.2161



14.3003, 10.3934, 25.0290

Sweetspot

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



10.1317, 10.3939, 1.9243



23.2682, 24.8169, 17.6284



7.0927, 3.8678, 2.2924



5.5132, 5.8830, 3.9799



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.



10.1317, 10.3939, 1.9243



17.3721, 17.3181, 2.4271



9.7012, 13.4296, 2.5329



3.5775, 3.7874, 3.6158



11.4779, 11.4882, 1.6125



56.4847, 55.8446, 7.8020

Inverse Universe

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



3.7594, 2.6356, 15.3495



5.7336, 3.2467, 27.2543



3.8769, 1.9208, 15.2053



3.2765, 3.4183, 4.2413



3.8134, 2.2171, 17.9486



18.4197, 9.8913, 89.2175

Previews

White Background



This preview shows how the XYZ color 10.1315, 10.3934, 1.9241 looks on a white background.

Color Contrast Check

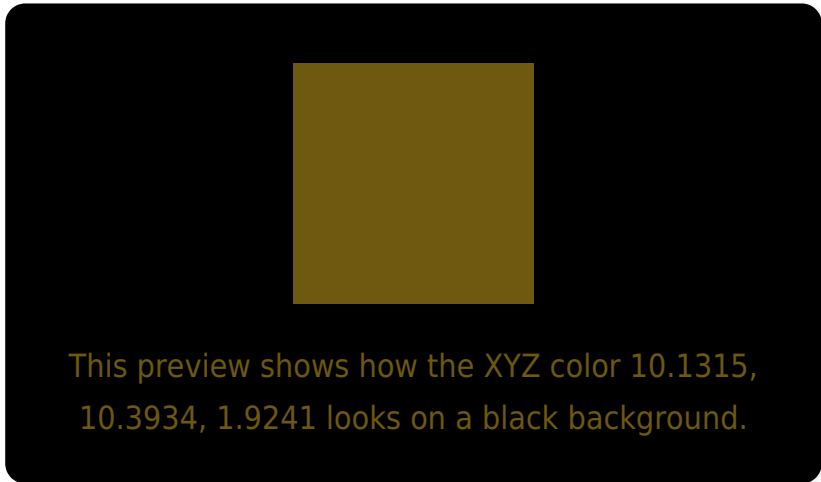
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.1315, 10.3934, 1.9241

Background



This preview shows how black text looks on a background with the XYZ color 10.1315, 10.3934, 1.9241.



This preview shows how white text looks on a background with the XYZ color 10.1315, 10.3934,

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

10.1315, 10.3934, 1.9241

Protanopia

9.4281, 10.4031, 2.0013

Deuteranopia

10.4915, 10.3378, 1.9326



Tritanopia

11.8490, 10.3840, 10.6123

Trichromacy



Original Color

10.1315, 10.3934, 1.9241

Protanomaly

9.6935, 10.4139, 1.9894

Deuteranomaly

10.4412, 10.4312, 1.9533

Tritanomaly

10.9521, 10.2550, 5.8171

Monochromacy



Original Color

10.1315, 10.3934, 1.9241

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.0744, 9.6401, 5.7973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1315, 10.3934, 1.9241 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(111, 88, 15)` looks like.

```
.text, #text, p{  
    color:rgb(111, 88, 15)  
}
```

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(111, 88, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 88, 15) }
```

Border

The CSS property to change the border of an element to XYZ 10.1315, 10.3934, 1.9241 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(111, 88, 15) }
```


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

```
.border{ border-color:rgb(111, 88, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 88, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 88, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 88, 15);  
box-shadow:4px 4px 4px 4px rgb(111, 88,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1315, 10.3934, 1.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 88, 15) }
```

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

```
.background{ background-color: rgb(111, 88,  
15) }
```

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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