

Converting Colors

XYZ(11.5684, 13.7401, 3.3387)

Have a look what the booklet for
XYZ(11.5684, 13.7401, 3.3387)
contains.

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Color

**XYZ(11.5684, 13.7401,
3.3387)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6B1F
RGB	107, 107, 31
RGB Percent	42%, 42%, 12%
CMY	0.5804, 0.5804, 0.8784
CMYK	0.00, 0.00, 0.71, 0.58
HSL	60°, 55%, 27%
HSV	60°, 71%, 42%
XYZ	11.5684, 13.7401, 3.3387
YIQ	98.3360, 24.3960, -23.6360

Conversions

Conversions Part 2

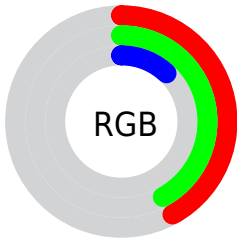
Format	Color
R_{YB}	31, 107, 31
Decimal	7039775
CIE Lab	43.86, -10.22, 40.60
CIE LCh	44, 41.870, 104.127
Yxy	13.7401, 0.4038, 0.4796
Android (android.graphics.Color)	4285229855 (0xFF6B6B1F)
YUV	98.3360, -33.1966, 7.5983
Hunter-Lab	37.0676, -9.1605, 20.6071

Details

The XYZ color **11.5684, 13.7401, 3.3387** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.7093, 2.3331, 14.1656**, and the grayscale version is **11.7696, 12.3825, 13.4846**.

A 20% lighter version of the original color is **28.3728, 32.6100, 12.3884**, and **3.3032, 4.1016, 0.6176** is the 20% darker color. If you saturate the color by 10%, you get **11.4503, 13.6934, 2.7156**, and if you desaturate by 10%, it is **11.7340, 13.8069, 4.2092**.

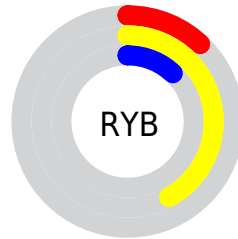
Distribution



Red (42%)

Green (42%)

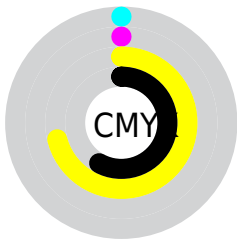
Blue (12%)



Red (12%)

Yellow (42%)

Blue (12%)

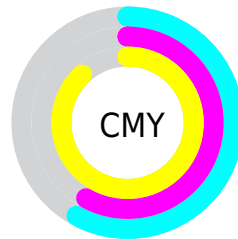


Cyan (0%)

Magenta (0%)

Yellow (71%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5684, 13.7401, 3.3387 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 11.5684, 13.7401, 3.3387 by changing the saturation by 10% instead.

■ 11.5684, 13.7401,
3.3387

■ 11.5684, 13.7401,
3.3387

195.3555,
215.6079, 140.5640

■ 6.5206, 7.9401,
1.2701

■ 28.3303, 32.6272,
12.4534

■ 3.2078, 4.0567,
0.0371

■ 40.7751, 46.4830,
20.3365

■ 1.2646, 1.7053,
0.0000

■ 56.4163, 63.7930,
30.9948

■ 0.1565, 0.4271,
0.0000


■ 75.6192, 84.9414,
44.8469


■ 0.0000, 0.0000,
0.0000


■ 98.7493, 110.3128,
62.3114


■ 126.1717,


140.2914, 83.8067


 158.2520,
175.2616, 109.7514


 11.5684, 13.7401,
3.3387


 11.5684, 13.7401,
3.3387


 11.4503, 13.6934,
2.7156


 11.7340, 13.8069,
4.2092


 11.3739, 13.6628,
2.3134

 11.9504, 13.8934,
5.3485

 11.3212, 13.6417,
2.0364

 12.2216, 14.0019,
6.7763

 12.5510, 14.1337,
8.5105

 12.9417, 14.2900,
10.5675

■ 13.3966, 14.4719,
12.9625

■ 13.9183, 14.6806,
15.7097

■ 14.5095, 14.9171,
18.8226

■ 15.1726, 15.1823,
22.3139

Harmonies

Analogous

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



14.8768, 13.7401, 3.3918



11.5684, 13.7401, 3.3387



9.1141, 13.7401, 5.3271

Triad

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



11.5684, 13.7401, 3.3387



9.0067, 13.7401, 31.5570



20.1794, 13.7401, 20.5140

Complementary

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



11.5684, 13.7401, 3.3387



3.7093, 2.3331, 14.1656

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.



18.0053, 13.7401, 32.2067



11.5684, 13.7401, 3.3387



11.3966, 13.7401, 40.1991

Square

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



11.5684, 13.7401, 3.3387



7.8132, 13.7401, 19.8595



14.6736, 13.7401, 40.4774



20.2465, 13.7401, 10.9419

Rectangle

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



11.5684, 13.7401, 3.3387



8.1335, 13.7401, 8.3384



14.6736, 13.7401, 40.4774



19.6562, 13.7401, 24.3964

Sweetspot

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



11.5687, 13.7407, 3.3390



23.1299, 25.5696, 18.6969



6.8012, 4.2050, 1.7497



5.5620, 6.1744, 4.3335



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.5687, 13.7407, 3.3390



20.4068, 24.4803, 4.3609



7.9598, 11.8803, 3.1701



3.3331, 3.5835, 3.3335



13.7721, 16.5950, 2.4773



70.1745, 84.5584, 12.6228

Inverse Universe

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



3.7093, 2.3331, 14.1656



5.3311, 2.5984, 25.1283



5.5985, 3.3070, 14.2540



2.9484, 3.0252, 3.8634



3.2286, 1.2915, 17.0014



16.4510, 6.5804, 86.6293

Previews

White Background



This preview shows how the XYZ color 11.5684, 13.7401, 3.3387 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 11.5684, 13.7401, 3.3387 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 11.5684, 13.7401, 3.3387

Background



This preview shows how black text looks on a background with the XYZ color 11.5684, 13.7401, 3.3387.



This preview shows how white text looks on a background with the XYZ color 11.5684, 13.7401,

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

11.5684, 13.7401, 3.3387

Protanopia

12.3871, 13.7074, 3.2212

Deuteranopia

13.8623, 13.5967, 3.4072



Tritanopia

14.2034, 13.7745, 16.0975

Trichromacy



Original Color

11.5684, 13.7401, 3.3387

Protanomaly

12.0960, 13.7076, 3.2366

Deuteranomaly

12.9542, 13.5547, 3.3724

Tritanomaly

12.8538, 13.6592, 9.5484

Monochromacy



Original Color

11.5684, 13.7401, 3.3387

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2565, 12.5685, 8.3112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5684, 13.7401, 3.3387 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(107, 107, 31)` looks like.

```
.text, #text, p{  
    color:rgb(107, 107, 31)  
}
```

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(107, 107, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 107, 31) }
```

Border

The CSS property to change the border of an element to XYZ 11.5684, 13.7401, 3.3387 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(107, 107, 31) }
```


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

```
.border{ border-color:rgb(107, 107, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 107, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 107, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 107, 31);  
box-shadow:4px 4px 4px 4px rgb(107, 107,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5684, 13.7401, 3.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 107, 31) }
```

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

```
.background{ background-color: rgb(107,  
107, 31) }
```

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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