

Converting Colors

XYZ(30.3703, 38.0871, 7.5011)

Have a look what the booklet for
XYZ(30.3703, 38.0871, 7.5011)
contains.

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Color

**XYZ(30.3703, 38.0871,
7.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AE25
RGB	162, 174, 37
RGB Percent	64%, 68%, 15%
CMY	0.3647, 0.3176, 0.8549
CMYK	0.07, 0.00, 0.79, 0.32
HSL	65°, 65%, 41%
HSV	65°, 79%, 68%
XYZ	30.3703, 38.0871, 7.5011
YIQ	154.7940, 36.8250, -45.1510

Conversions

Conversions Part 2

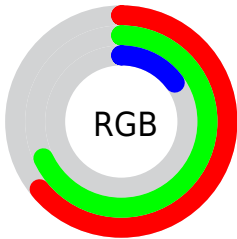
Format	Color
RYB	37, 174, 49
Decimal	10661413
CIELab	68.08, -20.61, 62.99
CIELCh	68, 66.271, 108.116
Yxy	38.0871, 0.3998, 0.5014
Android (android.graphics.Color)	4288851493 (0xFFA2AE25)
YUV	154.7940, -58.0724, 6.3197
Hunter-Lab	61.7147, -20.1596, 35.9939

Details

The XYZ color **30.3703, 38.0871, 7.5011** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.5693, 5.0329, 40.5139**, and the grayscale version is **31.3029, 32.9331, 35.8642**.

A 20% lighter version of the original color is **59.5549, 72.0624, 21.3602**, and **12.9034, 16.9832, 2.5980** is the 20% darker color. If you saturate the color by 10%, you get **29.8520, 37.8456, 6.3751**, and if you desaturate by 10%, it is **31.0242, 38.3861, 9.3144**.

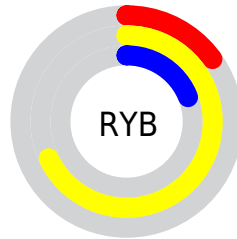
Distribution



Red (64%)

Green (68%)

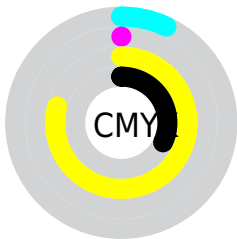
Blue (15%)



Red (15%)

Yellow (68%)

Blue (19%)

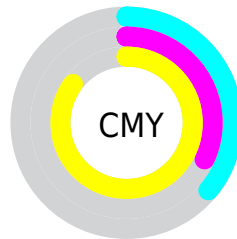


Cyan (7%)

Magenta (0%)

Yellow (79%)

Black (32%)



Cyan (36%)


Magenta (32%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3703, 38.0871, 7.5011 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 30.3703, 38.0871, 7.5011 by changing the saturation by 10% instead.


 30.3703, 38.0871,
7.5011


 30.3703, 38.0871,
7.5011


295.5057,
337.9935, 181.5508

 20.2693, 26.0503,
3.6943


 59.6299, 72.2416,
21.5042


 12.7003, 16.8613,
1.4592


 79.5192, 95.1281,
32.5376

 7.2981, 10.1356,
0.1872


 103.4020,
122.4000, 46.8168

 3.6972, 5.4890,
0.0000

 131.6437,
154.4416, 64.7605

 1.5323, 2.5369,
0.0000

 164.6095,
191.6374, 86.7873

 0.3477, 0.8951,
0.0000

 202.6649,

 0.0000, 0.0000,

234.3717, 113.3155

0.0000

246.1751,
283.0289, 144.7638

■ 30.3703, 38.0871,
7.5011

■ 30.3703, 38.0871,
7.5011

■ 29.8520, 37.8456,
6.3751

■ 31.0242, 38.3861,
9.3144

■ 29.4372, 37.6446,
5.7779

■ 31.8276, 38.7439,
11.8987

■ 29.3868, 37.6200,
5.7125

■ 32.7953, 39.1678,
15.3285

■ 33.9397, 39.6629,
19.6688

■ 35.2718, 40.2335,
24.9783

■ 36.8020, 40.8838,
31.3107

■ 38.5398, 41.6175,
38.7158

■ 40.4939, 42.4382,
47.2402

■ 42.6726, 43.3493,
56.9277

Harmonies

Analogous

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



40.4457, 38.0871, 7.0008



30.3703, 38.0871, 7.5011



23.3377, 38.0871, 13.9107

Triad

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



30.3703, 38.0871, 7.5011



24.4958, 38.0871, 99.8557



59.3172, 38.0871, 54.3184

Complementary

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



30.3703, 38.0871, 7.5011



9.5693, 5.0329, 40.5139

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.



53.0887, 38.0871, 92.2046



30.3703, 38.0871, 7.5011



32.2635, 38.0871, 125.7294

Square

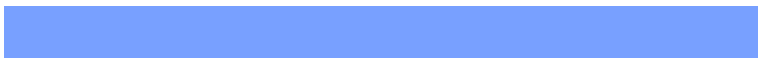
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.3703, 38.0871, 7.5011



20.4172, 38.0871, 61.7872



42.7331, 38.0871, 122.4065



58.5439, 38.0871, 26.1809

Rectangle

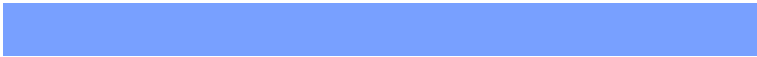
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.3703, 38.0871, 7.5011



20.7235, 38.0871, 23.6798



42.7331, 38.0871, 122.4065



57.9309, 38.0871, 66.4841

Sweetspot

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



30.3712, 38.0889, 7.5019



65.1266, 73.4655, 50.0206



18.8649, 11.2814, 2.9340



14.2662, 16.2396, 10.2604



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.3712, 38.0889, 7.5019



53.6165, 68.3885, 10.7764



20.0962, 32.7919, 7.0210



8.5924, 9.2940, 8.5544



21.3385, 27.2975, 4.1443



0.6134, 0.7696, 0.1162

Inverse Universe

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



9.5693, 5.0329, 40.5139



14.6155, 6.1592, 73.0554



15.6278, 8.1562, 40.7974



7.6416, 7.7895, 10.0535



5.7100, 2.3035, 29.1882



0.1793, 0.0746, 0.8129

Previews

White Background



This preview shows how the XYZ color 30.3703, 38.0871, 7.5011 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.3703, 38.0871, 7.5011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

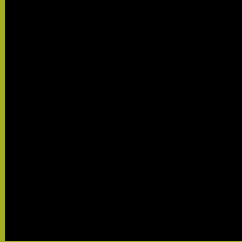
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3703, 38.0871, 7.5011

Background



This preview shows how black text looks on a background with the XYZ color 30.3703, 38.0871, 7.5011.



This preview shows how white text looks on a background with the XYZ color 30.3703, 38.0871,

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

30.3703, 38.0871, 7.5011

Protanopia

34.1893, 37.8329, 7.0906

Deuteranopia

38.5430, 37.7133, 7.7306



Tritanopia

38.1138, 37.9345, 45.8707

Trichromacy



Original Color

30.3703, 38.0871, 7.5011

Protanomaly

32.6379, 37.8504, 7.2547

Deuteranomaly

35.0010, 37.4379, 7.5720

Tritanomaly

33.9155, 37.2992, 24.8140

Monochromacy



Original Color

30.3703, 38.0871, 7.5011

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9455, 34.2796, 20.3676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3703, 38.0871, 7.5011 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(162, 174, 37)` looks like.

```
.text, #text, p{  
    color:rgb(162, 174, 37)  
}
```

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(162, 174, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 174, 37) }
```

Border

The CSS property to change the border of an element to XYZ 30.3703, 38.0871, 7.5011 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(162, 174, 37) }
```


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

```
.border{ border-color:rgb(162, 174, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 174, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 174, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 174, 37);  
box-shadow:4px 4px 4px 4px rgb(162, 174,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3703, 38.0871, 7.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 174, 37) }
```

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

```
.background{ background-color: rgb(162,  
174, 37) }
```

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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