

Converting Colors

XYZ(30.4564, 47.3266, 11.2225)

Have a look what the booklet for
XYZ(30.4564, 47.3266, 11.2225)
contains.

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Color

**XYZ(30.5272, 47.3574,
11.2733)**

Conversions

Conversions Part 1

Format	Color
Hex	7DCB38
RGB	125, 203, 56
RGB Percent	49%, 80%, 22%
CMY	0.5098, 0.2039, 0.7804
CMYK	0.38, 0.00, 0.72, 0.20
HSL	92°, 59%, 51%
HSV	92°, 72%, 80%
XYZ	30.5272, 47.3574, 11.2733
YIQ	162.9200, 0.6990, -62.2530

Conversions

Conversions Part 2

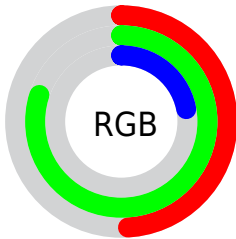
Format	Color
RYB	56, 203, 134
Decimal	8244024
CIELab	74.42, -47.32, 61.98
CIELCh	74, 77.977, 127.359
Yxy	47.3574, 0.3424, 0.5312
Android (android.graphics.Color)	4286434104 (0xFF7DCB38)
YUV	162.9200, -52.7116, -33.2558
Hunter-Lab	68.8167, -41.2464, 38.4590

Details

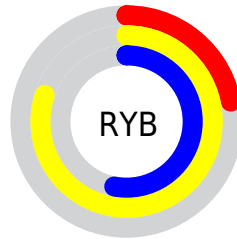
The XYZ color **30.5272, 47.3574, 11.2733** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **22.0275, 12.2100, 57.6984**, and the grayscale version is **35.0170, 36.8407, 40.1195**.

A 20% lighter version of the original color is **58.2131, 82.7571, 28.2348**, and **12.9046, 22.3731, 3.6383** is the 20% darker color. If you saturate the color by 10%, you get **28.6400, 46.4322, 9.0984**, and if you desaturate by 10%, it is **32.7885, 48.4552, 14.5180**.

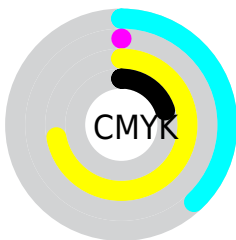
Distribution



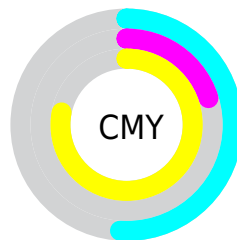
- Red (49%)
- Green (80%)
- Blue (22%)



- Red (22%)
- Yellow (80%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (72%)
- Black (20%)





- Cyan (51%)
- Magenta (20%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5272, 47.3574, 11.2733 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 30.5272, 47.3574, 11.2733 by changing the saturation by 10% instead.


 30.5272, 47.3574,
11.2733


 30.5272, 47.3574,
11.2733


296.2201,
376.2393, 210.3374


 20.3891, 33.3183,
6.1345


 59.8758, 86.2469,
28.8088


 12.7881, 22.3704,
2.8569


 79.8171, 111.8660,
42.0425


 7.3588, 14.1293,
1.0220


 103.7569,
142.1139, 58.8117

 3.7358, 8.2107,
0.0000

 132.0605,
177.3751, 79.5348

 1.5538, 4.2300,
0.0000

 165.0932,
218.0338, 104.6304

 0.3620, 1.8031,
0.0000

203.2205,

 0.0000, 0.4891,

264.4744, 134.5170

0.0000

246.8077,
317.0815, 169.6131

■ 0.0000, 0.0000,
0.0000

■ 30.5272, 47.3574,
11.2733

■ 30.5272, 47.3574,
11.2733

■ 28.6400, 46.4322,
9.0984

■ 32.7885, 48.4552,
14.5180

■ 27.0920, 45.6601,
7.8526

■ 35.4474, 49.7307,
18.9439

■ 26.1055, 45.1619,
7.3412

■ 38.5289, 51.1961,
24.6520

■ 42.0546, 52.8606,
31.7314

■ 46.0446, 54.7328,
40.2636

■ 50.5174, 56.8206,
50.3233

■ 55.4906, 59.1315,
61.9804

■ 60.9806, 61.6726,
75.3004

■ 67.0032, 64.4506,
90.3450

Harmonies

Analogous

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



41.6391, 47.3574, 6.5986



30.5272, 47.3574, 11.2733



24.3975, 47.3574, 27.1452

Triad

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



30.5272, 47.3574, 11.2733



35.3918, 47.3574, 161.0182



77.4753, 47.3574, 42.2746

Complementary

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



30.5272, 47.3574, 11.2733



22.0275, 12.2100, 57.6984

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.



74.8352, 47.3574, 87.4539



30.5272, 47.3574, 11.2733



48.5618, 47.3574, 172.6659

Square

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



30.5272, 47.3574, 11.2733



26.7711, 47.3574, 114.2096



63.4772, 47.3574, 140.7589



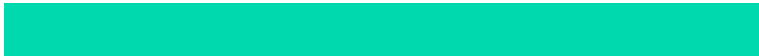
70.0828, 47.3574, 17.4209

Rectangle

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



30.5272, 47.3574, 11.2733



23.0577, 47.3574, 48.0805



63.4772, 47.3574, 140.7589



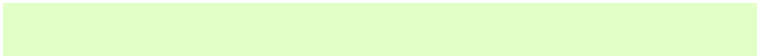
77.7541, 47.3574, 55.2121

Sweetspot

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



30.5283, 47.3595, 11.2743



77.1805, 91.6835, 67.6008



33.5889, 29.4730, 7.6606



16.1093, 19.4318, 13.5739



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.5283, 47.3595, 11.2743



46.3985, 76.9724, 13.8616



23.7635, 43.8650, 11.2783



11.5603, 12.7907, 11.9390



16.7160, 28.7927, 4.6765



0.9497, 1.5304, 0.2453

Inverse Universe

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



22.0275, 12.2100, 57.6984



31.3372, 14.8833, 95.8289



36.5345, 19.7221, 56.8650



11.1606, 11.1321, 14.1309



10.8802, 4.8165, 36.3125



0.6485, 0.2934, 1.8774

Previews

White Background



This preview shows how the XYZ color 30.5272, 47.3574, 11.2733 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 30.5272, 47.3574, 11.2733 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 30.5272, 47.3574, 11.2733

Background



This preview shows how black text looks on a background with the XYZ color 30.5272, 47.3574, 11.2733.



This preview shows how white text looks on a background with the XYZ color 30.5272, 47.3574,

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

30.5272, 47.3574, 11.2733

Protanopia

42.2273, 46.5323, 9.8880

Deuteranopia

47.6655, 46.6354, 11.9581



Tritanopia

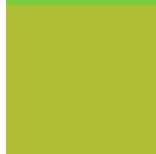
41.0711, 46.9140, 64.6482

Trichromacy



Original Color

30.5272, 47.3574, 11.2733



Protanomaly

36.7353, 46.1979, 10.3491



Deuteranomaly

39.3011, 45.5983, 11.5804



Tritanomaly

35.3589, 46.2212, 36.3361

Monochromacy



Original Color

30.5272, 47.3574, 11.2733



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

31.9529, 39.6856, 25.0448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5272, 47.3574, 11.2733 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(125, 203, 56)` looks like.

```
.text, #text, p{  
    color:rgb(125, 203, 56)  
}
```

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(125, 203, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 203, 56) }
```

Border

The CSS property to change the border of an element to XYZ 30.5272, 47.3574, 11.2733 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(125, 203, 56) }
```


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

```
.border{ border-color:rgb(125, 203, 56) }
```

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

Here you see how a box with a 4 pixel rgb(125, 203, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 203, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 203, 56);  
box-shadow:4px 4px 4px 4px rgb(125, 203,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5272, 47.3574, 11.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 203, 56) }
```

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

```
.background{ background-color: rgb(125,  
203, 56) }
```

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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