

Converting Colors

XYZ(37.6325, 46.5655, 30.3175)

Have a look what the booklet for
XYZ(37.6325, 46.5655, 30.3175)
contains.

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Color

**XYZ(37.5719, 46.5128,
30.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BF88
RGB	160, 191, 136
RGB Percent	63%, 75%, 53%
CMY	0.3725, 0.2510, 0.4667
CMYK	0.16, 0.00, 0.29, 0.25
HSL	94°, 30%, 64%
HSV	94°, 29%, 75%
XYZ	37.5719, 46.5128, 30.2902
YIQ	175.4610, -0.8210, -23.6770

Conversions

Conversions Part 2

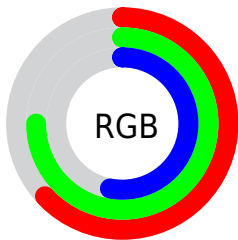
Format	Color
RYB	136, 191, 167
Decimal	10534792
CIELab	73.88, -20.45, 24.40
CIELCh	74, 31.835, 129.963
Yxy	46.5128, 0.3285, 0.4067
Android (android.graphics.Color)	4288724872 (0xFFA0BF88)
YUV	175.4610, -19.4543, -13.5593
Hunter-Lab	68.2003, -21.0139, 21.4074

Details

The XYZ color **37.5719, 46.5128, 30.2902** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.1466, 29.5868, 53.2040**, and the grayscale version is **41.0857, 43.2253, 47.0724**.

A 20% lighter version of the original color is **70.5794, 84.6863, 61.3414**, and **16.8097, 21.7514, 12.1166** is the 20% darker color. If you saturate the color by 10%, you get **34.2739, 44.9572, 23.6704**, and if you desaturate by 10%, it is **41.3006, 48.2654, 38.1948**.

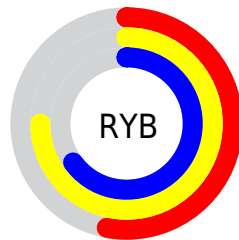
Distribution



Red (63%)

Green (75%)

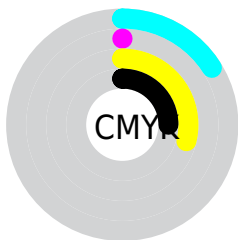
Blue (53%)



Red (53%)

Yellow (75%)

Blue (65%)

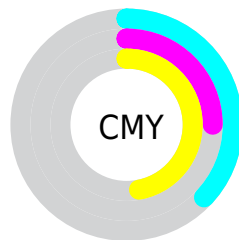


Cyan (16%)

Magenta (0%)

Yellow (29%)

Black (25%)



Cyan (37%)

Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5719, 46.5128, 30.2902 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 37.5719, 46.5128, 30.2902 by changing the saturation by 10% instead.

■ 37.5719, 46.5128,
30.2902

■ 37.5719, 46.5128,
30.2902

327.0927,
372.8665, 317.5041

■ 25.8263, 32.6507,
19.8050

■ 70.7596, 84.9859,
61.1872

■ 16.8257, 21.8590,
12.0707

■ 92.9325, 110.3657,
82.4362

■ 10.2049, 13.7533,
6.6687

■ 119.3118,
140.3535, 108.1102

■ 5.5983, 7.9493,
3.1805

150.2629,
175.3337, 138.6277

■ 2.6407, 4.0625,
1.1875

186.1512,
215.6907, 174.4073

■ 0.9667, 1.7086,
0.0000

227.3420,

■ 0.0000, 0.4292,

261.8089, 215.8675

0.0000

274.2007,
314.0727, 263.4270

■ 0.0000, 0.0000,
0.0000

■ 37.5719, 46.5128,
30.2902

■ 37.5719, 46.5128,
30.2902

■ 34.2739, 44.9572,
23.6704

■ 41.3006, 48.2654,
38.1948

■ 31.3856, 43.5848,
18.2646

■ 45.4730, 50.2159,
47.4441

■ 28.8892, 42.3897,
13.9995

■ 50.1057, 52.3731,
58.0978

■ 26.7640, 41.3629,
10.7930

■ 55.2133, 54.7434,
70.2112

■ 24.9870, 40.4946,
8.5516

■ 60.8100, 57.3328,
83.8365

■ 23.5318, 39.7736,
7.1658

■ 66.9090, 60.1471,
99.0234

■ 22.3575, 39.1828,
6.4507

■ 71.0641, 62.2083,
102.8697

■ 22.2289, 39.1180,
6.3789

■ 74.7348, 64.1007,
103.0415

■ 77.9218, 65.7436,
103.1906

Harmonies

Analogous

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



42.3502, 46.5128, 25.7031



37.5719, 46.5128, 30.2902



34.7402, 46.5128, 40.6850

Triad

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



37.5719, 46.5128, 30.2902



40.5789, 46.5128, 85.9919



55.8356, 46.5128, 45.4342

Complementary

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



37.5719, 46.5128, 30.2902



34.1466, 29.5868, 53.2040

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.



55.2588, 46.5128, 62.1096



37.5719, 46.5128, 30.2902



46.1215, 46.5128, 88.0269

Square

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



37.5719, 46.5128, 30.2902



36.3707, 46.5128, 73.4539



51.5851, 46.5128, 78.5330



53.0997, 46.5128, 33.1258

Rectangle

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



37.5719, 46.5128, 30.2902



34.1814, 46.5128, 50.6242



51.5851, 46.5128, 78.5330



56.0278, 46.5128, 50.6649

Sweetspot

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



37.5731, 46.5148, 30.2912



81.1660, 89.8053, 84.3537



39.6134, 40.2192, 28.9685



17.5712, 19.6027, 17.9559



92.9021, 97.7402, 106.4391



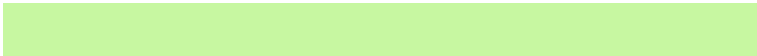
19.4759, 20.4902, 22.3138

Same Dimension

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



37.5731, 46.5148, 30.2912



63.2153, 81.3818, 45.9919



33.4275, 44.3548, 31.1307



9.7931, 10.8477, 10.1543



14.6968, 25.7524, 4.1961



0.6508, 1.0475, 0.1679

Inverse Universe

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



34.1466, 29.5868, 53.2040



56.0068, 45.7888, 94.1654



39.3960, 32.3276, 51.8843



9.5171, 9.4835, 12.0011



10.3115, 4.6018, 32.7377



0.4777, 0.2183, 1.2858

Previews

White Background



This preview shows how the XYZ color 37.5719, 46.5128, 30.2902 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 37.5719, 46.5128, 30.2902 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 37.5719, 46.5128, 30.2902

Background



This preview shows how black text looks on a background with the XYZ color 37.5719, 46.5128, 30.2902.



This preview shows how white text looks on a background with the XYZ color 37.5719, 46.5128,

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

37.5719, 46.5128, 30.2902

Protanopia

43.1944, 46.3158, 28.4930

Deuteranopia

47.3102, 46.3117, 31.2565



Tritanopia

43.4887, 46.3792, 60.0861

Trichromacy



Original Color

37.5719, 46.5128, 30.2902

Protanomaly

40.8740, 46.3365, 28.9798

Deuteranomaly

43.2296, 45.9759, 31.0219

Tritanomaly

41.0227, 46.3199, 47.3360

Monochromacy



Original Color

37.5719, 46.5128, 30.2902

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.5345, 44.1670, 40.1596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5719, 46.5128, 30.2902 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(160, 191, 136)` looks like.

```
.text, #text, p{  
    color:rgb(160, 191, 136)  
}
```

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(160, 191, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 191, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.5719, 46.5128, 30.2902 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(160, 191, 136) }
```


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

```
.border{ border-color:rgb(160, 191, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 191, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 191, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 191, 136);  
box-shadow:4px 4px 4px 4px rgb(160, 191,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5719, 46.5128, 30.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 191, 136) }
```

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

```
.background{ background-color: rgb(160,  
191, 136) }
```

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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