

Converting Colors

XYZ(30.3874, 42.9582, 23.2132)

Have a look what the booklet for
XYZ(30.3874, 42.9582, 23.2132)
contains.

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Color

**XYZ(30.3874, 42.9582,
23.2132)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBF74
RGB	126, 191, 116
RGB Percent	49%, 75%, 45%
CMY	0.5059, 0.2510, 0.5451
CMYK	0.34, 0.00, 0.39, 0.25
HSL	112°, 37%, 60%
HSV	112°, 39%, 75%
XYZ	30.3874, 42.9582, 23.2132
YIQ	163.0150, -14.6650, -37.1050

Conversions

Conversions Part 2

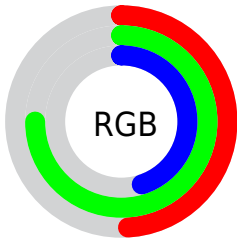
Format	Color
RYB	116, 191, 181
Decimal	8306548
CIELab	71.53, -35.38, 31.43
CIElCh	72, 47.323, 138.382
Yxy	42.9582, 0.3147, 0.4449
Android (android.graphics.Color)	4286496628 (0xFF7EBF74)
YUV	163.0150, -23.1784, -32.4622
Hunter-Lab	65.5425, -31.9416, 24.8810

Details

The XYZ color **30.3874, 42.9582, 23.2132** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **34.7074, 26.0775, 52.4967**, and the grayscale version is **34.9318, 36.7509, 40.0218**.

A 20% lighter version of the original color is **59.7849, 79.8231, 49.7925**, and **12.6767, 19.7011, 8.2888** is the 20% darker color. If you saturate the color by 10%, you get **27.1465, 41.4042, 17.8463**, and if you desaturate by 10%, it is **34.2629, 44.8155, 29.8040**.

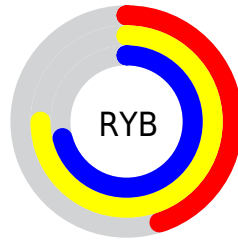
Distribution



Red (49%)

Green (75%)

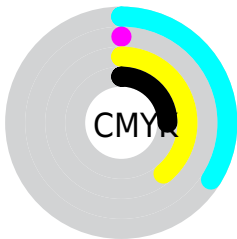
Blue (45%)



Red (45%)

Yellow (75%)

Blue (71%)

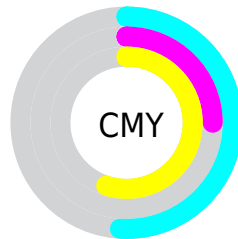


Cyan (34%)

Magenta (0%)

Yellow (39%)

Black (25%)



Cyan (51%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3874, 42.9582, 23.2132 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 30.3874, 42.9582, 23.2132 by changing the saturation by 10% instead.

■ 30.3874, 42.9582,
23.2132

■ 30.3874, 42.9582,
23.2132

295.5836,
358.4398, 281.9755

■ 20.2824, 29.8523,
14.5442

■ 59.6567, 79.6478,
49.6708

■ 12.7099, 19.7265,
8.3571

■ 79.5517, 104.0003,
68.2965

■ 7.3047, 12.1964,
4.2333

■ 103.4407,
132.8704, 91.0782

■ 3.7014, 6.8776,
1.7542

131.6891,
166.6426, 118.4344

■ 1.5346, 3.3857,
0.3975

164.6622,
205.7013, 150.7837

■ 0.3492, 1.3362,
0.0000

202.7255,

■ 0.0000, 0.1690,

250.4308, 188.5446

0.0000

246.2441,
301.2155, 232.1357

■ 0.0000, 0.0000,
0.0000

■ 30.3874, 42.9582,
23.2132

■ 30.3874, 42.9582,
23.2132

■ 27.1465, 41.4042,
17.8463

■ 34.2629, 44.8155,
29.8040

■ 24.5030, 40.1321,
13.6253

■ 38.8010, 46.9853,
37.6846

■ 22.4208, 39.1264,
10.4676


■ 44.0323, 49.4831,
46.9197


■ 20.8584, 38.3678,
8.2784


■ 49.9842, 52.3219,
57.5688


■ 19.7684, 37.8342,
6.9463


■ 56.6827, 55.5138,
69.6877

 19.0828, 37.4950,
6.2717

 64.1526, 59.0705,
83.3294

 19.0441, 37.4759,
6.2299

 72.4174, 63.0029,
98.5441

 77.9217, 65.7433,
103.1906

Harmonies

Analogous

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



36.1743, 42.9582, 16.2101



30.3874, 42.9582, 23.2132



27.5539, 42.9582, 38.4606

Triad

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



30.3874, 42.9582, 23.2132



37.8138, 42.9582, 104.4710



57.2157, 42.9582, 34.2245

Complementary

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



30.3874, 42.9582, 23.2132



34.7074, 26.0775, 52.4967

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.



57.8053, 42.9582, 56.2070



30.3874, 42.9582, 23.2132



45.8700, 42.9582, 102.1915

Square

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



30.3874, 42.9582, 23.2132



31.4524, 42.9582, 87.9856



53.4278, 42.9582, 82.5087



51.9088, 42.9582, 20.9870

Rectangle

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



30.3874, 42.9582, 23.2132



27.4382, 42.9582, 53.4866



53.4278, 42.9582, 82.5087



57.9954, 42.9582, 40.6483

Sweetspot

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



30.3885, 42.9600, 23.2141



75.9888, 87.2508, 78.9382



41.1640, 45.3872, 23.1147



16.4094, 19.0272, 16.8441



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.



30.3885, 42.9600, 23.2141



49.4310, 74.5426, 33.2896



30.8305, 42.9749, 32.8568



9.5239, 10.7090, 10.1417



12.5548, 24.6481, 4.0959



0.5307, 0.9855, 0.1623

Inverse Universe

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



34.7074, 26.0775, 52.4967



58.2024, 40.1263, 92.9567



34.3886, 26.2306, 38.1378



9.8015, 9.6300, 12.0144



16.5006, 7.7924, 33.0273



0.6815, 0.3234, 1.2954

Previews

White Background



This preview shows how the XYZ color 30.3874, 42.9582, 23.2132 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 30.3874, 42.9582, 23.2132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

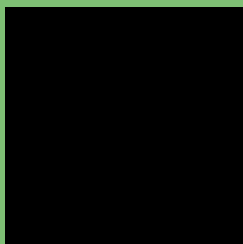
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3874, 42.9582, 23.2132

Background



This preview shows how black text looks on a background with the XYZ color 30.3874, 42.9582, 23.2132.



This preview shows how white text looks on a background with the XYZ color 30.3874, 42.9582,

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

30.3874, 42.9582, 23.2132

Protanopia

39.1316, 42.3234, 20.5748

Deuteranopia

43.2823, 42.4278, 23.9973



Tritanopia

37.3029, 42.6087, 58.4828

Trichromacy



Original Color

30.3874, 42.9582, 23.2132



Protanomaly

35.1822, 42.0279, 21.5871



Deuteranomaly

37.2152, 41.8476, 23.5687



Tritanomaly

34.3157, 42.6388, 42.9807

Monochromacy



Original Color

30.3874, 42.9582, 23.2132



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.7096, 38.4465, 32.8911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3874, 42.9582, 23.2132 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(126, 191, 116)` looks like.

```
.text, #text, p{  
    color:rgb(126, 191, 116)  
}
```

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(126, 191, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 191, 116) }
```

Border

The CSS property to change the border of an element to XYZ 30.3874, 42.9582, 23.2132 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(126, 191, 116) }
```


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

```
.border{ border-color:rgb(126, 191, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 191, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 191, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 191, 116); box-shadow:4px 4px 4px 4px rgb(126, 191, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3874, 42.9582, 23.2132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 191, 116) }
```

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

```
.background{ background-color: rgb(126,  
191, 116) }
```

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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