

Converting Colors

XYZ(30.5549, 39.2346, 22.9440)

Have a look what the booklet for
XYZ(30.5549, 39.2346, 22.9440)
contains.

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Color

**XYZ(30.6587, 39.3642,
22.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB375
RGB	143, 179, 117
RGB Percent	56%, 70%, 46%
CMY	0.4392, 0.2980, 0.5412
CMYK	0.20, 0.00, 0.35, 0.30
HSL	95°, 29%, 58%
HSV	95°, 35%, 70%
XYZ	30.6587, 39.3642, 22.8118
YIQ	161.1680, -1.5540, -26.9140

Conversions

Conversions Part 2

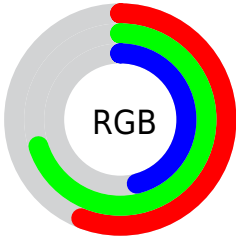
Format	Color
RYB	117, 179, 153
Decimal	9417589
CIELab	69.01, -23.53, 27.79
CIELCh	69, 36.417, 130.260
Yxy	39.3642, 0.3303, 0.4240
Android (android.graphics.Color)	4287607669 (0xFF8FB375)
YUV	161.1680, -21.7748, -15.9333
Hunter-Lab	62.7409, -22.5715, 22.3615

Details

The XYZ color **30.6587, 39.3642, 22.8118** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.6365, 22.7507, 45.5847**, and the grayscale version is **34.0539, 35.8274, 39.0160**.

A 20% lighter version of the original color is **60.2527, 74.3247, 49.2007**, and **12.8186, 17.5632, 8.1833** is the 20% darker color. If you saturate the color by 10%, you get **27.9887, 38.0992, 17.7086**, and if you desaturate by 10%, it is **33.6988, 40.7991, 28.9845**.

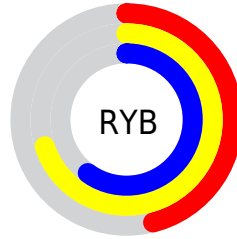
Distribution



Red (56%)

Green (70%)

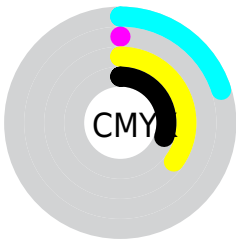
Blue (46%)



Red (46%)

Yellow (70%)

Blue (60%)

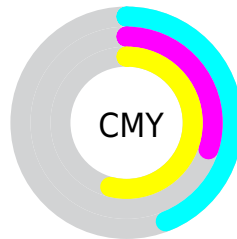


Cyan (20%)

Magenta (0%)

Yellow (35%)

Black (30%)



Cyan (44%)

Magenta (30%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6587, 39.3642, 22.8118 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 30.6587, 39.3642, 22.8118 by changing the saturation by 10% instead.

■ 30.6587, 39.3642,
22.8118

■ 30.6587, 39.3642,
22.8118

296.8179,
343.4364, 279.8474

■ 20.4896, 27.0432,
14.2506

■ 60.0818, 74.1944,
49.0034

■ 12.8618, 17.6056,
8.1544

■ 80.0666, 97.4723,
67.4709

■ 7.4098, 10.6672,
4.1047

■ 104.0540,
125.1713, 90.0775

■ 3.7683, 5.8435,
1.6830

132.4094,
157.6758, 117.2419

■ 1.5719, 2.7502,
0.3490

165.4982,
195.3701, 149.3825

■ 0.3740, 1.0027,
0.0000

203.6856,

■ 0.0000, 0.0000,

238.6388, 186.9180

0.0000

247.3370,
287.8661, 230.2668

■ 30.6587, 39.3642,
22.8118

■ 30.6587, 39.3642,
22.8118

■ 27.9887, 38.0992,
17.7086

■ 33.6988, 40.7991,
28.9845

■ 25.6697, 36.9920,
13.6114

■ 37.1208, 42.4053,
36.2802

■ 23.6854, 36.0368,
10.4543


■ 40.9399, 44.1906,
44.7518


■ 22.0166, 35.2256,
8.1620


■ 45.1692, 46.1607,
54.4480


■ 20.6418, 34.5489,
6.6482


■ 49.8214, 48.3211,
65.4150


 19.5356, 33.9961,
5.8079

 54.9086, 50.6770,
77.6965

 19.0272, 33.7401,
5.5097

 60.4422, 53.2336,
91.3340

 65.5839, 55.6558,
101.8937

 68.9460, 57.3891,
102.0511

Harmonies

Analogous

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



35.4627, 39.3642, 18.4841



30.6587, 39.3642, 22.8118



27.8666, 39.3642, 32.9508

Triad

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



30.6587, 39.3642, 22.8118



33.7719, 39.3642, 80.5102



49.4994, 39.3642, 37.4190

Complementary

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



30.6587, 39.3642, 22.8118



27.6365, 22.7507, 45.5847

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.



48.9266, 39.3642, 54.5820



30.6587, 39.3642, 22.8118



39.4367, 39.3642, 82.6086

Square

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



30.6587, 39.3642, 22.8118



29.5312, 39.3642, 66.9989



45.0963, 39.3642, 72.1547



46.5890, 39.3642, 25.3528

Rectangle

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



30.6587, 39.3642, 22.8118



27.3316, 39.3642, 43.0059



45.0963, 39.3642, 72.1547



49.7145, 39.3642, 42.7163

Sweetspot

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



30.6597, 39.3659, 22.8127



69.4459, 77.3314, 71.4873



33.0527, 33.3694, 21.5291



15.1780, 17.0356, 15.3792



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.6597, 39.3659, 22.8127



50.9968, 68.6459, 33.3324



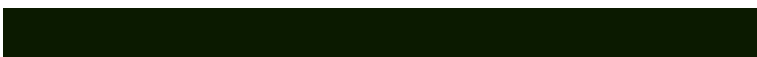
26.9168, 37.4077, 23.9345



8.7154, 9.6584, 9.0574



13.5157, 23.8777, 3.8965



0.4924, 0.7859, 0.1257

Inverse Universe

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



27.6365, 22.7507, 45.5847



44.7112, 34.1426, 80.6148



32.6780, 25.3973, 43.6707



8.4988, 8.4656, 10.6924



9.8547, 4.4161, 30.4700



0.3748, 0.1723, 0.9617

Previews

White Background



This preview shows how the XYZ color 30.6587, 39.3642, 22.8118 looks on a white background.

Color Contrast Check

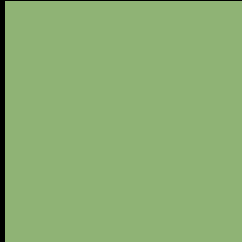
Large Text (above 18pt) WCAG AA × Fail

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 30.6587, 39.3642, 22.8118 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 30.6587, 39.3642, 22.8118

Background



This preview shows how black text looks on a background with the XYZ color 30.6587, 39.3642, 22.8118.



This preview shows how white text looks on a background with the XYZ color 30.6587, 39.3642,

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

30.6587, 39.3642, 22.8118

Protanopia

36.2187, 39.1202, 20.9713

Deuteranopia

39.7492, 39.0123, 23.5243



Tritanopia

36.3515, 39.3588, 51.0285

Trichromacy



Original Color

30.6587, 39.3642, 22.8118

Protanomaly

33.9382, 39.0448, 21.6672

Deuteranomaly

35.9832, 38.9450, 23.3899

Tritanomaly

33.8756, 39.1997, 39.0386

Monochromacy



Original Color

30.6587, 39.3642, 22.8118

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.4399, 36.9196, 32.2045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6587, 39.3642, 22.8118 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(143, 179, 117)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 117)  
}
```

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(143, 179, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 117) }
```

Border

The CSS property to change the border of an element to XYZ 30.6587, 39.3642, 22.8118 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(143, 179, 117) }
```


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

```
.border{ border-color:rgb(143, 179, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 179, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 117);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6587, 39.3642, 22.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 117) }
```

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

```
.background{ background-color: rgb(143,  
179, 117) }
```

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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