

Converting Colors

Yxy(57.3412, 0.3216, 0.4735)

Have a look what the booklet for
Yxy(57.3412, 0.3216, 0.4735)
contains.

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Color

Yxy(57.3669, 0.3216, 0.4729)

Conversions

Conversions Part 1

Format	Color
Hex	8BDB72
RGB	139, 219, 114
RGB Percent	55%, 86%, 45%
CMY	0.4550, 0.1411, 0.5530
CMYK	0.37, 0.00, 0.48, 0.14
HSL	106°, 59%, 65%
HSV	106°, 48%, 86%
XYZ	39.0129, 57.3669, 24.9289
YIQ	183.1100, -13.9750, -49.6150

Conversions

Conversions Part 2

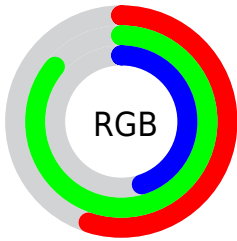
Format	Color
RYB	114, 219, 194
Decimal	9165682
CIELab	80.39, -43.87, 43.83
CIElCh	80, 62.012, 135.025
Yxy	57.3669, 0.3216, 0.4729
Android (android.graphics.Color)	4287355762 (0xFF8BDB72)
YUV	183.1100, -34.0712, -38.6845
Hunter-Lab	75.7409, -40.6043, 33.5043

Details

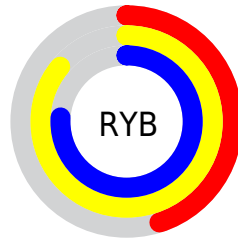
The Yxy color **57.3669, 0.3216, 0.4729** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **28.6145, 0.2931, 0.2043**, and the grayscale version is **47.6116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0829, 0.3249, 0.4264**, and **28.4381, 0.3189, 0.5138** is the 20% darker color. If you saturate the color by 10%, you get **55.6007, 0.3214, 0.5057**, and if you desaturate by 10%, it is **59.4766, 0.3208, 0.4395**.

Distribution



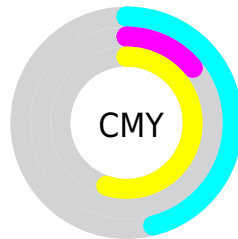
- Red (55%)
- Green (86%)
- Blue (45%)



- Red (45%)
- Yellow (86%)
- Blue (76%)



- Cyan (37%)
- Magenta (0%)
- Yellow (48%)
- Black (14%)




- Cyan (46%)
- Magenta (14%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3669, 0.3216, 0.4729 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 Yxy color 57.3669, 0.3216, 0.4729 by changing the saturation by 10% instead.


 57.3669, 0.3216,
0.4729


 57.3669, 0.3216,
0.4729

414.8227, 0.3207,
0.3993

 41.2999, 0.3206,
0.4913


 101.0003, 0.3221,
0.4460

 28.5535, 0.3187,
0.5149


 129.3356, 0.3221,
0.4359

 18.7433, 0.3148,
0.5456


 162.5290, 0.3219,
0.4274

 11.4849, 0.3071,
0.5871

200.9650, 0.3217,
0.4202

 6.3940, 0.2925,
0.6470

245.0280, 0.3215,
0.4139

 3.0861, 0.2621,
0.7379

295.1023, 0.3212,

 1.1769, 0.0183,

0.4084

0.9817

351.5724, 0.3209,
0.4036

0.0427, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3669, 0.3216,
0.4729

57.3669, 0.3216,
0.4729

55.6007, 0.3214,
0.5057

59.4766, 0.3208,
0.4395

54.1522, 0.3200,
0.5358


61.9396, 0.3193,
0.4071

53.0031, 0.3174,
0.5611

64.7741, 0.3172,
0.3767

52.1305, 0.3138,
0.5797

67.9952, 0.3148,
0.3490

 51.5051, 0.3095,
0.5912

 71.6168, 0.3122,
0.3242

 51.4012, 0.3087,
0.5931

 75.6524, 0.3096,
0.3022

 79.1475, 0.3144,
0.2940

Harmonies

Analogous

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



57.3669, 0.3965, 0.4697



57.3669, 0.3216, 0.4729



57.3669, 0.2483, 0.4168

Triad

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



57.3669, 0.3216, 0.4729



57.3669, 0.1842, 0.2180



57.3669, 0.4413, 0.3100

Complementary

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



57.3669, 0.3216, 0.4729



28.6145, 0.2931, 0.2043

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.



57.3669, 0.3690, 0.2591



57.3669, 0.3216, 0.4729



57.3669, 0.2216, 0.2081

Square

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



57.3669, 0.3216, 0.4729



57.3669, 0.1754, 0.2578



57.3669, 0.2866, 0.2231



57.3669, 0.4724, 0.3679

Rectangle

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



57.3669, 0.3216, 0.4729



57.3669, 0.2105, 0.3590



57.3669, 0.2866, 0.2231



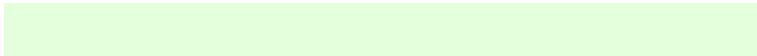
57.3669, 0.4205, 0.2919

Sweetspot

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



57.3694, 0.3216, 0.4729



93.1114, 0.3163, 0.3657



54.3057, 0.3966, 0.4201



19.7237, 0.3168, 0.3719



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



57.3694, 0.3216, 0.4729



78.3619, 0.3213, 0.5074



56.1438, 0.2916, 0.4422



14.7551, 0.3151, 0.3529



30.5180, 0.3095, 0.5924



2.0168, 0.3211, 0.5833

Inverse Universe

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



28.6145, 0.2931, 0.2043



32.9391, 0.2870, 0.1791



30.9302, 0.3457, 0.2385



13.1105, 0.3100, 0.3057



7.9478, 0.2616, 0.1215



0.5533, 0.2717, 0.1270

Previews

White Background



This preview shows how the Yxy color 57.3669, 0.3216, 0.4729 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 Yxy color 57.3669, 0.3216, 0.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

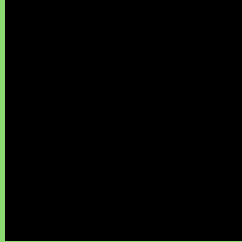
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3669, 0.3216, 0.4729

Background



This preview shows how black text looks on a background with the Yxy color 57.3669, 0.3216, 0.4729.



This preview shows how white text looks on a background with the Yxy color 57.3669, 0.3216, 0.4729.

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

57.3669, 0.3216, 0.4729

Protanopia

56.9685, 0.3979, 0.4335

Deuteranopia

56.3009, 0.4119, 0.4027



Tritanopia

57.2225, 0.2685, 0.3090

Trichromacy



Original Color

57.3669, 0.3216, 0.4729



Protanomaly

56.2156, 0.3675, 0.4479



Deuteranomaly

55.3131, 0.3760, 0.4284



Tritanomaly

56.5867, 0.2886, 0.3661

Monochromacy



Original Color

57.3669, 0.3216, 0.4729



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

50.1640, 0.3174, 0.3805

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3669, 0.3216, 0.4729 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(139, 219, 114)` looks like.

```
.text, #text, p{  
    color:rgb(139, 219, 114)  
}
```

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(139, 219, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 219, 114) }
```

Border

The CSS property to change the border of an element to Yxy 57.3669, 0.3216, 0.4729 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(139, 219, 114) }
```

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

```
.border{ border-color:rgb(139, 219, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 219, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 219, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 219, 114);  
box-shadow:4px 4px 4px 4px rgb(139, 219,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3669, 0.3216, 0.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 219, 114) }
```

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

```
.background{ background-color: rgb(139,  
219, 114) }
```

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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