

Converting Colors

$Yxy(60.2122, 0.3074, 0.4260)$

Have a look what the booklet for
Yxy(60.2122, 0.3074, 0.4260)
contains.

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Color

Yxy(60.1787, 0.3075, 0.4255)

Conversions

Conversions Part 1

Format	Color
Hex	94DD95
RGB	148, 221, 149
RGB Percent	58%, 87%, 58%
CMY	0.4197, 0.1333, 0.4156
CMYK	0.33, 0.00, 0.33, 0.13
HSL	121°, 52%, 72%
HSV	121°, 33%, 87%
XYZ	43.4899, 60.1787, 37.7620
YIQ	190.9650, -20.3960, -37.8680

Conversions

Conversions Part 2

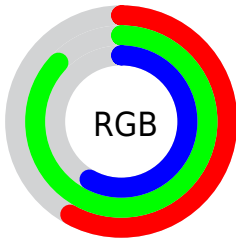
Format	Color
RYB	148, 220, 221
Decimal	9756053
CIELab	81.94, -36.85, 28.34
CIELCh	82, 46.482, 142.437
Yxy	60.1787, 0.3075, 0.4255
Android (android.graphics.Color)	4287946133 (0xFF94DD95)
YUV	190.9650, -20.6887, -37.6803
Hunter-Lab	77.5749, -35.6858, 25.4412

Details

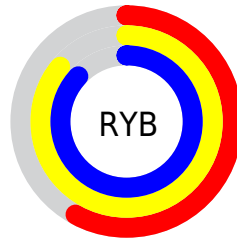
The Yxy color **60.1787, 0.3075, 0.4255** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.7079, 0.3175, 0.2483**, and the grayscale version is **52.2076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7170, 0.3101, 0.3845**, and **30.1718, 0.3037, 0.4520** is the 20% darker color. If you saturate the color by 10%, you get **57.6818, 0.3057, 0.4606**, and if you desaturate by 10%, it is **63.2042, 0.3092, 0.3926**.

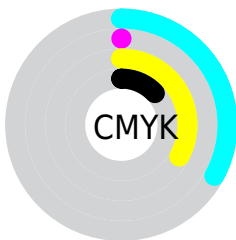
Distribution



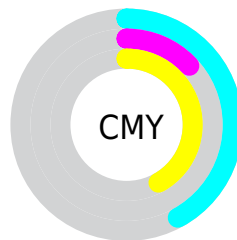
- Red (58%)
- Green (87%)
- Blue (58%)



- Red (58%)
- Yellow (86%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)




- Cyan (42%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1787, 0.3075, 0.4255 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 60.1787, 0.3075, 0.4255 by changing the saturation by 10% instead.


 60.1787, 0.3075,
0.4255


 60.1787, 0.3075,
0.4255


425.2561, 0.3114,
0.3768

 43.5627, 0.3061,
0.4377


 105.0889, 0.3092,
0.4077

 30.3269, 0.3041,
0.4534


 134.1518, 0.3098,
0.4011

 20.0868, 0.3010,
0.4741

168.1325, 0.3102,
0.3955

 12.4582, 0.2960,
0.5028

207.4153, 0.3106,
0.3907

 7.0565, 0.2871,
0.5446

252.3847, 0.3109,
0.3865

 3.4975, 0.2708,
0.6130

303.4250, 0.3111,

 1.3966, 0.2033,

0.3828

0.7967

360.9207, 0.3113,
0.3796

0.2142, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.1787, 0.3075,
0.4255

60.1787, 0.3075,
0.4255

57.6818, 0.3057,
0.4606

63.2042, 0.3092,
0.3926

55.6762, 0.3040,
0.4961

66.7781, 0.3108,
0.3628

54.1318, 0.3024,
0.5298

70.9285, 0.3123,
0.3364

53.0117, 0.3012,
0.5590

75.6791, 0.3136,
0.3134

■ 52.2740, 0.3003,
0.5810

■ 80.1982, 0.3143,
0.2960

■ 51.8675, 0.3000,
0.5944

■ 51.7252, 0.2998,
0.5993

Harmonies

Analogous

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



60.1787, 0.3654, 0.4373



60.1787, 0.3075, 0.4255



60.1787, 0.2539, 0.3778

Triad

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



60.1787, 0.3075, 0.4255



60.1787, 0.2189, 0.2407



60.1787, 0.4166, 0.3277

Complementary

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



60.1787, 0.3075, 0.4255



41.7079, 0.3175, 0.2483

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.



60.1787, 0.3697, 0.2850



60.1787, 0.3075, 0.4255



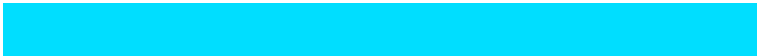
60.1787, 0.2545, 0.2367

Square

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



60.1787, 0.3075, 0.4255



60.1787, 0.2063, 0.2674



60.1787, 0.3088, 0.2528



60.1787, 0.4317, 0.3738

Rectangle

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



60.1787, 0.3075, 0.4255



60.1787, 0.2275, 0.3367



60.1787, 0.3088, 0.2528



60.1787, 0.4038, 0.3127

Sweetspot

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



60.1812, 0.3075, 0.4255



93.9660, 0.3113, 0.3546



69.2290, 0.3624, 0.4111



19.9453, 0.3111, 0.3584



0.0000, 0.0000, 0.0000



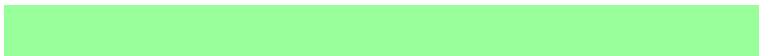
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1812, 0.3075, 0.4255



80.6409, 0.3062, 0.4509



61.4921, 0.2864, 0.3766



14.6093, 0.3114, 0.3528



30.0462, 0.2997, 0.5990



1.9476, 0.2989, 0.5960

Inverse Universe

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



41.7079, 0.3175, 0.2483



51.1685, 0.3185, 0.2314



40.0238, 0.3511, 0.2861



13.2715, 0.3140, 0.3063



11.8668, 0.3245, 0.1561



0.7698, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 60.1787, 0.3075, 0.4255 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 60.1787, 0.3075, 0.4255 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 60.1787, 0.3075, 0.4255

Background



This preview shows how black text looks on a background with the Yxy color 60.1787, 0.3075, 0.4255.



This preview shows how white text looks on a background with the Yxy color 60.1787, 0.3075, 0.4255.

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

60.1787, 0.3075, 0.4255

Protanopia

59.6950, 0.3720, 0.4010

Deuteranopia

59.5739, 0.3803, 0.3733



Tritanopia

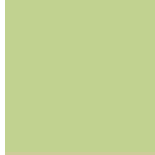
59.9765, 0.2693, 0.3082

Trichromacy



Original Color

60.1787, 0.3075, 0.4255



Protanomaly

59.4443, 0.3460, 0.4107



Deuteranomaly

58.4648, 0.3510, 0.3907



Tritanomaly

59.9935, 0.2836, 0.3493

Monochromacy



Original Color

60.1787, 0.3075, 0.4255



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.4896, 0.3104, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1787, 0.3075, 0.4255 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(148, 221, 149)` looks like.

```
.text, #text, p{  
    color:rgb(148, 221, 149)  
}
```

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(148, 221, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 221, 149) }
```

Border

The CSS property to change the border of an element to Yxy 60.1787, 0.3075, 0.4255 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(148, 221, 149) }
```

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

```
.border{ border-color:rgb(148, 221, 149) }
```

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

Here you see how a box with a 4 pixel rgb(148, 221, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 221, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 221, 149);  
box-shadow:4px 4px 4px 4px rgb(148, 221,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1787, 0.3075, 0.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 221, 149) }
```

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

```
.background{ background-color: rgb(148,  
221, 149) }
```

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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