

Converting Colors

Yxy(54.3568, 0.3220, 0.4524)

Have a look what the booklet for
Yxy(54.3568, 0.3220, 0.4524)
contains.

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Color

Yxy(54.5368, 0.3218, 0.4524)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 91D47B |
| RGB | 145, 212, 123 |
| RGB Percent | 57%, 83%, 48% |
| CMY | 0.4314, 0.1686, 0.5176 |
| CMYK | 0.32, 0.00, 0.42, 0.17 |
| HSL | 105°, 51%, 66% |
| HSV | 105°, 42%, 83% |
| XYZ | 38.7930, 54.5368, 27.2202 |
| YIQ | 181.8210, -11.3630, -41.8830 |

Conversions

Conversions Part 2

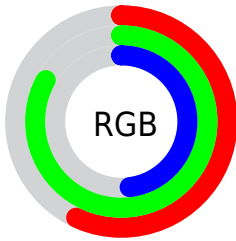
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 123, 212, 190 |
| Decimal | 9557115 |
| CIELab | 78.77, -37.62, 37.41 |
| CIElCh | 79, 53.056, 135.159 |
| Yxy | 54.5368, 0.3218, 0.4524 |
| Android (android.graphics.Color) | 4287747195 (0xFF91D47B) |
| YUV | 181.8210, -28.9988, -32.2920 |
| Hunter-Lab | 73.8490, -35.4696, 29.8405 |

Details

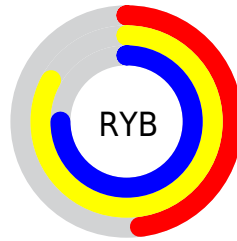
The Yxy color **54.5368, 0.3218, 0.4524** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.8706, 0.2956, 0.2196**, and the grayscale version is **46.8409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1118, 0.3232, 0.4153**, and **26.8060, 0.3205, 0.4898** is the 20% darker color. If you saturate the color by 10%, you get **52.7147, 0.3223, 0.4856**, and if you desaturate by 10%, it is **56.6823, 0.3204, 0.4196**.

Distribution



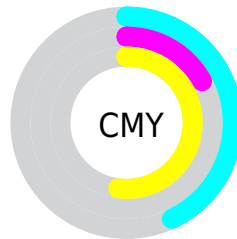
- Red (57%)
- Green (83%)
- Blue (48%)



- Red (48%)
- Yellow (83%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (42%)
- Black (17%)





- Cyan (43%)
- Magenta (17%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5368, 0.3218, 0.4524 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 54.5368, 0.3218, 0.4524 by changing the saturation by 10% instead.


 54.5368, 0.3218,
0.4524


 54.5368, 0.3218,
0.4524


404.1537, 0.3198,
0.3890

 39.0310, 0.3214,
0.4685


 96.8620, 0.3217,
0.4291

 26.7838, 0.3204,
0.4891


 124.4501, 0.3215,
0.4204

 17.4109, 0.3180,
0.5166


 156.8345, 0.3212,
0.4131

 10.5279, 0.3129,
0.5542

194.3995, 0.3209,
0.4069

 5.7504, 0.3016,
0.6082

237.5295, 0.3206,
0.4015

 2.6939, 0.2854,
0.7146

286.6090, 0.3203,

 0.9741, 0.0049,

0.3968

0.9951

342.0222, 0.3201,
0.3927

0.0000, 0.0000,
0.0000

54.5368, 0.3218,
0.4524

54.5368, 0.3218,
0.4524

52.7147, 0.3223,
0.4856

56.6823, 0.3204,
0.4196

51.1932, 0.3217,
0.5174

59.1591, 0.3184,
0.3884

49.9570, 0.3199,
0.5458


61.9832, 0.3159,
0.3597

48.9869, 0.3169,
0.5686


65.1677, 0.3133,
0.3338

48.2606, 0.3129,
0.5844

68.7251, 0.3105,
0.3107

 47.8306, 0.3094,
0.5925

 72.6669, 0.3078,
0.2903

 75.5711, 0.3147,
0.2871

Harmonies

Analogous

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



54.5368, 0.3878, 0.4526



54.5368, 0.3218, 0.4524



54.5368, 0.2568, 0.4041

Triad

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



54.5368, 0.3218, 0.4524



54.5368, 0.1984, 0.2310



54.5368, 0.4248, 0.3136

Complementary

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



54.5368, 0.3218, 0.4524



29.8706, 0.2956, 0.2196

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.



54.5368, 0.3625, 0.2675



54.5368, 0.3218, 0.4524



54.5368, 0.2326, 0.2214

Square

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



54.5368, 0.3218, 0.4524



54.5368, 0.1905, 0.2674



54.5368, 0.2907, 0.2348



54.5368, 0.4524, 0.3659

Rectangle

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



54.5368, 0.3218, 0.4524



54.5368, 0.2229, 0.3553



54.5368, 0.2907, 0.2348



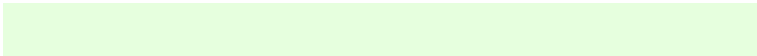
54.5368, 0.4068, 0.2972

Sweetspot

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



54.5391, 0.3218, 0.4524



93.6149, 0.3162, 0.3629



52.1497, 0.3851, 0.4092



19.8257, 0.3168, 0.3692



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.



54.5391, 0.3218, 0.4524



80.4349, 0.3223, 0.4808



53.3542, 0.2937, 0.4253



14.0426, 0.3153, 0.3528



29.5655, 0.3102, 0.5919



1.8225, 0.3228, 0.5819

Inverse Universe

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



29.8706, 0.2956, 0.2196



38.2980, 0.2907, 0.1978



31.8713, 0.3404, 0.2494



12.4711, 0.3099, 0.3057



7.5750, 0.2595, 0.1203



0.4945, 0.2706, 0.1264

Previews

White Background



This preview shows how the Yxy color 54.5368, 0.3218, 0.4524 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 54.5368, 0.3218, 0.4524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

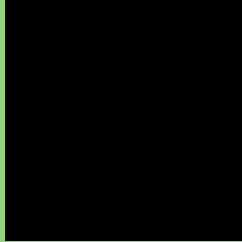
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5368, 0.3218, 0.4524

Background



This preview shows how black text looks on a background with the Yxy color 54.5368, 0.3218, 0.4524.



This preview shows how white text looks on a background with the Yxy color 54.5368, 0.3218, 0.4524.

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

54.5368, 0.3218, 0.4524

Protanopia

53.8416, 0.3883, 0.4215

Deuteranopia

54.0264, 0.4011, 0.3931



Tritanopia

54.3601, 0.2732, 0.3087

Trichromacy



Original Color

54.5368, 0.3218, 0.4524



Protanomaly

53.7966, 0.3619, 0.4331



Deuteranomaly

52.9800, 0.3699, 0.4132



Tritanomaly

54.0501, 0.2910, 0.3583

Monochromacy



Original Color

54.5368, 0.3218, 0.4524



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

49.1482, 0.3171, 0.3723

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5368, 0.3218, 0.4524 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(145, 212, 123)` looks like.

```
.text, #text, p{  
    color:rgb(145, 212, 123)  
}
```

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(145, 212, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 212, 123) }
```

Border

The CSS property to change the border of an element to Yxy 54.5368, 0.3218, 0.4524 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(145, 212, 123) }
```

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

```
.border{ border-color:rgb(145, 212, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 212, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 212, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 212, 123); box-shadow:4px 4px 4px 4px rgb(145, 212, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5368, 0.3218, 0.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 212, 123) }
```

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

```
.background{ background-color: rgb(145,  
212, 123) }
```

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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