

Converting Colors

Yxy(54.5719, 0.3144, 0.4254)

Have a look what the booklet for
Yxy(54.5719, 0.3144, 0.4254)
contains.

Yxy(54.3762, 0.3145, 0.4257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.3762, 0.3145, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	95D28C
RGB	149, 210, 140
RGB Percent	58%, 82%, 55%
CMY	0.4157, 0.1764, 0.4510
CMYK	0.29, 0.00, 0.33, 0.18
HSL	112°, 44%, 69%
HSV	112°, 33%, 82%
XYZ	40.1722, 54.3762, 33.1852
YIQ	183.7810, -13.8860, -34.7020

Conversions

Conversions Part 2

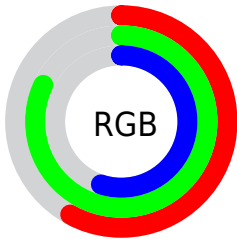
Format	Color
RYB	140, 210, 201
Decimal	9818764
CIELab	78.68, -32.87, 28.65
CIELCh	79, 43.606, 138.929
Yxy	54.3762, 0.3145, 0.4257
Android (android.graphics.Color)	4288008844 (0xFF95D28C)
YUV	183.7810, -21.5840, -30.5029
Hunter-Lab	73.7402, -31.8021, 24.9360

Details

The Yxy color **54.3762, 0.3145, 0.4257** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.8263, 0.3080, 0.2446**, and the grayscale version is **47.9319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3942, 0.3163, 0.3956**, and **26.6508, 0.3130, 0.4546** is the 20% darker color. If you saturate the color by 10%, you get **52.2288, 0.3143, 0.4599**, and if you desaturate by 10%, it is **56.9170, 0.3143, 0.3933**.

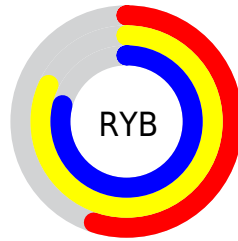
Distribution



Red (58%)

Green (82%)

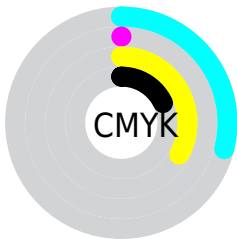
Blue (55%)



Red (55%)

Yellow (82%)

Blue (79%)

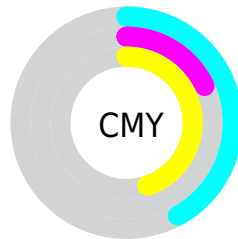


Cyan (29%)

Magenta (0%)

Yellow (33%)

Black (18%)



Cyan (42%)


Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3762, 0.3145, 0.4257 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 54.3762, 0.3145, 0.4257 by changing the saturation by 10% instead.


 54.3762, 0.3145,
0.4257


 54.3762, 0.3145,
0.4257


403.5430, 0.3151,
0.3762

 38.9025, 0.3139,
0.4383

 96.6264, 0.3151,
0.4075

 26.6839, 0.3128,
0.4546


 124.1717, 0.3152,
0.4007

 17.3360, 0.3108,
0.4764

 156.5096, 0.3152,
0.3950

 10.4743, 0.3070,
0.5069

194.0246, 0.3152,
0.3902

 5.7146, 0.2992,
0.5519

237.1010, 0.3152,
0.3860

 2.6723, 0.2922,
0.6475

286.1233, 0.3152,

 0.9631, 0.1032,

0.3823

0.8968

341.4758, 0.3151,
0.3791

0.0000, 0.0000,
0.0000

54.3762, 0.3145,
0.4257

54.3762, 0.3145,
0.4257

52.2288, 0.3143,
0.4599

56.9170, 0.3143,
0.3933

50.4485, 0.3135,
0.4944

59.8622, 0.3138,
0.3637

49.0165, 0.3120,
0.5272

63.2310, 0.3130,
0.3372

47.9097, 0.3100,
0.5557

67.0392, 0.3121,
0.3138

47.1021, 0.3075,
0.5777

71.3021, 0.3111,
0.2933

■ 46.5633, 0.3047,
0.5919

■ 74.5769, 0.3148,
0.2851

■ 46.3297, 0.3031,
0.5975

Harmonies

Analogous

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



54.3762, 0.3702, 0.4330



54.3762, 0.3145, 0.4257



54.3762, 0.2611, 0.3829

Triad

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



54.3762, 0.3145, 0.4257



54.3762, 0.2188, 0.2450



54.3762, 0.4095, 0.3228

Complementary

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



54.3762, 0.3145, 0.4257



35.8263, 0.3080, 0.2446

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.



54.3762, 0.3614, 0.2819



54.3762, 0.3145, 0.4257



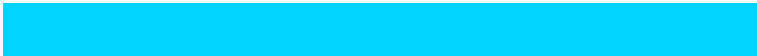
54.3762, 0.2511, 0.2385

Square

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



54.3762, 0.3145, 0.4257



54.3762, 0.2092, 0.2738



54.3762, 0.3022, 0.2520



54.3762, 0.4284, 0.3677

Rectangle

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



54.3762, 0.3145, 0.4257



54.3762, 0.2337, 0.3436



54.3762, 0.3022, 0.2520



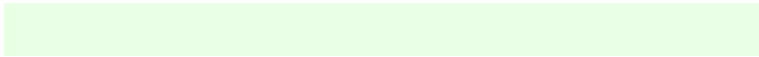
54.3762, 0.3960, 0.3083

Sweetspot

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



54.3785, 0.3145, 0.4257



94.4911, 0.3135, 0.3548



57.2165, 0.3659, 0.4017



20.0711, 0.3136, 0.3587



0.0000, 0.0000, 0.0000



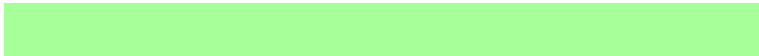
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3785, 0.3145, 0.4257



81.9383, 0.3144, 0.4499



54.4125, 0.2921, 0.3903



13.2780, 0.3135, 0.3529



28.2825, 0.3036, 0.5971



1.6059, 0.3128, 0.5898

Inverse Universe

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



35.8263, 0.3080, 0.2446



48.8610, 0.3065, 0.2268



35.9312, 0.3416, 0.2749



11.9288, 0.3118, 0.3059



9.0115, 0.2889, 0.1365



0.5259, 0.2951, 0.1400

Previews

White Background



This preview shows how the Yxy color 54.3762, 0.3145, 0.4257 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 54.3762, 0.3145, 0.4257 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 54.3762, 0.3145, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 54.3762, 0.3145, 0.4257.



This preview shows how white text looks on a background with the Yxy color 54.3762, 0.3145, 0.4257.

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

54.3762, 0.3145, 0.4257

Protanopia

53.9787, 0.3738, 0.4027

Deuteranopia

53.8202, 0.3843, 0.3762



Tritanopia

53.9478, 0.2744, 0.3087

Trichromacy



Original Color

54.3762, 0.3145, 0.4257

Protanomaly

53.7775, 0.3502, 0.4109

Deuteranomaly

53.2927, 0.3569, 0.3938

Tritanomaly

53.9847, 0.2891, 0.3501

Monochromacy



Original Color

54.3762, 0.3145, 0.4257

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.6250, 0.3136, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3762, 0.3145, 0.4257 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(149, 210, 140)` looks like.

```
.text, #text, p{  
    color:rgb(149, 210, 140)  
}
```

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(149, 210, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 210, 140) }
```

Border

The CSS property to change the border of an element to Yxy 54.3762, 0.3145, 0.4257 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(149, 210, 140) }
```

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

```
.border{ border-color:rgb(149, 210, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 210, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 210, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 210, 140); box-shadow:4px 4px 4px 4px rgb(149, 210, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3762, 0.3145, 0.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 210, 140) }
```

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

```
.background{ background-color: rgb(149,  
210, 140) }
```

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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