

Converting Colors

Yxy(56.1403, 0.3161, 0.4193)

Have a look what the booklet for
Yxy(56.1403, 0.3161, 0.4193)
contains.

Yxy(56.1992, 0.3162, 0.4195)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.1992, 0.3162, 0.4195)

Conversions

Conversions Part 1

Format	Color
Hex	9CD491
RGB	156, 212, 145
RGB Percent	61%, 83%, 57%
CMY	0.3884, 0.1686, 0.4313
CMYK	0.26, 0.00, 0.32, 0.17
HSL	110°, 44%, 70%
HSV	110°, 32%, 83%
XYZ	42.3604, 56.1992, 35.4075
YIQ	187.6180, -11.8690, -32.7090

Conversions

Conversions Part 2

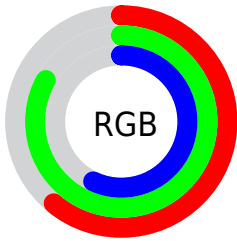
Format	Color
RYB	145, 212, 201
Decimal	10278033
CIELab	79.73, -30.69, 27.51
CIElCh	80, 41.219, 138.126
Yxy	56.1992, 0.3162, 0.4195
Android (android.graphics.Color)	4288468113 (0xFF9CD491)
YUV	187.6180, -21.0107, -27.7290
Hunter-Lab	74.9661, -30.3274, 24.4728

Details

The Yxy color **56.1992, 0.3162, 0.4195** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.4343, 0.3061, 0.2485**, and the grayscale version is **50.1858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6406, 0.3179, 0.3892**, and **27.8057, 0.3153, 0.4456** is the 20% darker color. If you saturate the color by 10%, you get **53.9658, 0.3165, 0.4531**, and if you desaturate by 10%, it is **58.8177, 0.3154, 0.3878**.

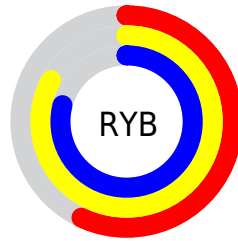
Distribution



Red (61%)

Green (83%)

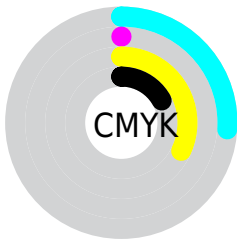
Blue (57%)



Red (57%)

Yellow (83%)

Blue (79%)

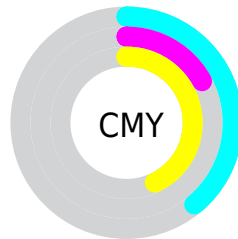


Cyan (26%)

Magenta (0%)

Yellow (32%)

Black (17%)



Cyan (39%)


Magenta (17%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1992, 0.3162, 0.4195 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 56.1992, 0.3162, 0.4195 by changing the saturation by 10% instead.


 56.1992, 0.3162,
0.4195

 56.1992, 0.3162,
0.4195


410.4418, 0.3158,
0.3736

 40.3627, 0.3159,
0.4311

 99.2958, 0.3164,
0.4027

 27.8214, 0.3152,
0.4460


 127.3246, 0.3163,
0.3964

 18.1911, 0.3139,
0.4659


160.1863, 0.3163,
0.3911

 11.0873, 0.3112,
0.4935

198.2652, 0.3162,
0.3866

 6.1256, 0.3055,
0.5341

241.9459, 0.3161,
0.3827

 2.9216, 0.2969,
0.6085

291.6126, 0.3160,

 1.0909, 0.2009,

0.3793

0.7991

347.6498, 0.3159,
0.3762

0.0000, 0.0000,
0.0000

56.1992, 0.3162,
0.4195

56.1992, 0.3162,
0.4195

53.9658, 0.3165,
0.4531

58.8177, 0.3154,
0.3878

52.0924, 0.3161,
0.4874

61.8310, 0.3143,
0.3588

50.5620, 0.3150,
0.5203

65.2571, 0.3129,
0.3329

49.3533, 0.3130,
0.5495

69.1108, 0.3115,
0.3100

48.4424, 0.3103,
0.5728

73.4065, 0.3100,
0.2899

■ 47.8022, 0.3071,
0.5885

■ 75.5723, 0.3147,
0.2871

■ 47.4437, 0.3046,
0.5964

Harmonies

Analogous

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



56.1992, 0.3683, 0.4260



56.1992, 0.3162, 0.4195



56.1992, 0.2657, 0.3806

Triad

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



56.1992, 0.3162, 0.4195



56.1992, 0.2238, 0.2506



56.1992, 0.4022, 0.3224

Complementary

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



56.1992, 0.3162, 0.4195



37.4343, 0.3061, 0.2485

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.



56.1992, 0.3569, 0.2839



56.1992, 0.3162, 0.4195



56.1992, 0.2538, 0.2436

Square

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



56.1992, 0.3162, 0.4195



56.1992, 0.2153, 0.2786



56.1992, 0.3016, 0.2559



56.1992, 0.4209, 0.3648

Rectangle

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



56.1992, 0.3162, 0.4195



56.1992, 0.2395, 0.3444



56.1992, 0.3016, 0.2559



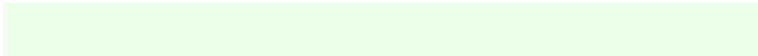
56.1992, 0.3894, 0.3088

Sweetspot

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



56.2016, 0.3162, 0.4195



95.1480, 0.3140, 0.3520



57.7441, 0.3638, 0.3955



20.2083, 0.3142, 0.3560



0.0000, 0.0000, 0.0000



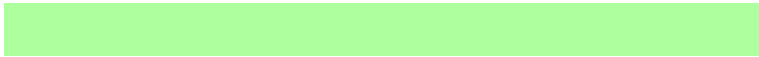
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2016, 0.3162, 0.4195



82.9841, 0.3165, 0.4422



55.9160, 0.2944, 0.3898



13.9925, 0.3140, 0.3529



29.3151, 0.3052, 0.5959



1.7990, 0.3154, 0.5878

Inverse Universe

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



37.4343, 0.3061, 0.2485



50.0861, 0.3041, 0.2310



37.9571, 0.3375, 0.2752



12.5252, 0.3112, 0.3058



8.7669, 0.2801, 0.1317



0.5568, 0.2876, 0.1358

Previews

White Background



This preview shows how the Yxy color 56.1992, 0.3162, 0.4195 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 56.1992, 0.3162, 0.4195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

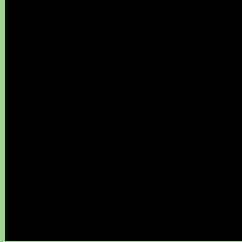
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1992, 0.3162, 0.4195

Background



This preview shows how black text looks on a background with the Yxy color 56.1992, 0.3162, 0.4195.

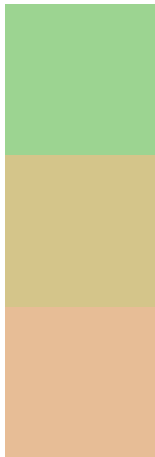


This preview shows how white text looks on a background with the Yxy color 56.1992, 0.3162, 0.4195.

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

56.1992, 0.3162, 0.4195

Protanopia

55.7645, 0.3705, 0.3996

Deuteranopia

55.5861, 0.3807, 0.3735



Tritanopia

56.2614, 0.2775, 0.3092

Trichromacy



Original Color

56.1992, 0.3162, 0.4195

Protanomaly

55.3706, 0.3494, 0.4059

Deuteranomaly

54.9080, 0.3559, 0.3892

Tritanomaly

55.8409, 0.2914, 0.3470

Monochromacy



Original Color

56.1992, 0.3162, 0.4195

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

52.1412, 0.3143, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1992, 0.3162, 0.4195 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(156, 212, 145)` looks like.

```
.text, #text, p{  
    color:rgb(156, 212, 145)  
}
```

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(156, 212, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 212, 145) }
```

Border

The CSS property to change the border of an element to Yxy 56.1992, 0.3162, 0.4195 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(156, 212, 145) }
```

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

```
.border{ border-color:rgb(156, 212, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 212, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 212, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 212, 145);  
box-shadow:4px 4px 4px 4px rgb(156, 212,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1992, 0.3162, 0.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 212, 145) }
```

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

```
.background{ background-color: rgb(156,  
212, 145) }
```

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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