

Converting Colors

$Yxy(56.7660, 0.3117, 0.3904)$

Have a look what the booklet for
Yxy(56.7660, 0.3117, 0.3904)
contains.

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Color

Yxy(56.8445, 0.3120, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	A6D2A3
RGB	166, 210, 163
RGB Percent	65%, 82%, 64%
CMY	0.3490, 0.1764, 0.3608
CMYK	0.21, 0.00, 0.22, 0.18
HSL	116°, 34%, 73%
HSV	116°, 22%, 82%
XYZ	45.3825, 56.8445, 43.2297
YIQ	191.4860, -11.1370, -23.9450

Conversions

Conversions Part 2

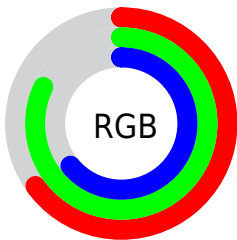
Format	Color
RYB	163, 210, 207
Decimal	10932899
CIELab	80.09, -23.39, 18.68
CIElCh	80, 29.935, 141.389
Yxy	56.8445, 0.3120, 0.3908
Android (android.graphics.Color)	4289122979 (0xFFA6D2A3)
YUV	191.4860, -14.0436, -22.3512
Hunter-Lab	75.3953, -24.4977, 18.7813

Details

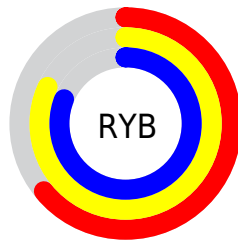
The Yxy color **56.8445, 0.3120, 0.3908** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.1146, 0.3127, 0.2733**, and the grayscale version is **52.4860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1116, 0.3134, 0.3675**, and **28.1011, 0.3109, 0.4082** is the 20% darker color. If you saturate the color by 10%, you get **54.1906, 0.3113, 0.4234**, and if you desaturate by 10%, it is **59.9530, 0.3124, 0.3612**.

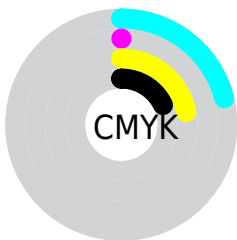
Distribution



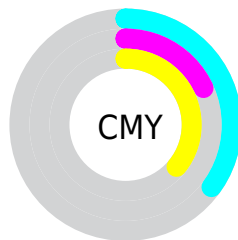
- Red (65%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (81%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)





- Cyan (35%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8445, 0.3120, 0.3908 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 56.8445, 0.3120, 0.3908 by changing the saturation by 10% instead.


 56.8445, 0.3120,
0.3908

 56.8445, 0.3120,
0.3908


412.8664, 0.3129,
0.3598

 40.8804, 0.3116,
0.3985


 100.2383, 0.3125,
0.3795

 28.2256, 0.3110,
0.4085


 128.4367, 0.3126,
0.3753

 18.4958, 0.3100,
0.4217


161.4821, 0.3127,
0.3717

 11.3065, 0.3082,
0.4401


199.7587, 0.3128,
0.3687

 6.2734, 0.3050,
0.4673

243.6511, 0.3128,
0.3660

 3.0120, 0.2980,
0.5112

293.5436, 0.3129,

 1.1380, 0.3014,

0.3637

0.6986

349.8205, 0.3129,
0.3616

0.0102, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8445, 0.3120,
0.3908

56.8445, 0.3120,
0.3908

54.1906, 0.3113,
0.4234

59.9530, 0.3124,
0.3612

51.9633, 0.3103,
0.4581

63.5285, 0.3127,
0.3348

50.1425, 0.3091,
0.4934

67.5917, 0.3128,
0.3117

48.7035, 0.3075,
0.5270

72.1600, 0.3128,
0.2917

■ 47.6191, 0.3057,
0.5562

■ 74.5760, 0.3148,
0.2851

■ 46.8585, 0.3039,
0.5788

■ 46.3854, 0.3021,
0.5931

■ 46.1845, 0.3012,
0.5991

Harmonies

Analogous

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



56.8445, 0.3504, 0.3994



56.8445, 0.3120, 0.3908



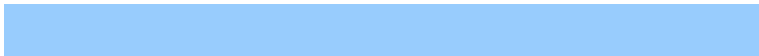
56.8445, 0.2753, 0.3618

Triad

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



56.8445, 0.3120, 0.3908



56.8445, 0.2484, 0.2701



56.8445, 0.3797, 0.3286

Complementary

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



56.8445, 0.3120, 0.3908



44.1146, 0.3127, 0.2733

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.



56.8445, 0.3491, 0.2986



56.8445, 0.3120, 0.3908



56.8445, 0.2730, 0.2657

Square

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



56.8445, 0.3120, 0.3908



56.8445, 0.2402, 0.2902



56.8445, 0.3095, 0.2762



56.8445, 0.3910, 0.3604

Rectangle

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



56.8445, 0.3120, 0.3908



56.8445, 0.2565, 0.3365



56.8445, 0.3095, 0.2762



56.8445, 0.3713, 0.3181

Sweetspot

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



56.8469, 0.3120, 0.3908



95.8702, 0.3126, 0.3468



60.9104, 0.3470, 0.3810



20.4477, 0.3126, 0.3484



0.0000, 0.0000, 0.0000



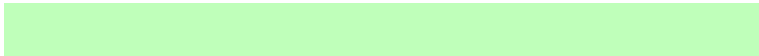
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8469, 0.3120, 0.3908



86.0882, 0.3117, 0.4065



57.3168, 0.2965, 0.3636



13.2417, 0.3125, 0.3530



28.1855, 0.3015, 0.5988



1.5889, 0.3065, 0.5949

Inverse Universe

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



44.1146, 0.3127, 0.2733



62.8381, 0.3125, 0.2609



43.5988, 0.3332, 0.2968



11.9691, 0.3128, 0.3060



10.0641, 0.3051, 0.1454



0.5746, 0.3082, 0.1471

Previews

White Background



This preview shows how the Yxy color 56.8445, 0.3120, 0.3908 looks on a white background.

Color Contrast Check

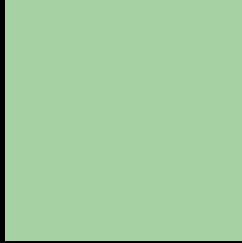
Large Text (above 18pt) WCAG AA × Fail

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 56.8445, 0.3120, 0.3908 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 56.8445, 0.3120, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 56.8445, 0.3120, 0.3908.



This preview shows how white text looks on a background with the Yxy color 56.8445, 0.3120, 0.3908.

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

56.8445, 0.3120, 0.3908

Protanopia

56.6714, 0.3546, 0.3782

Deuteranopia

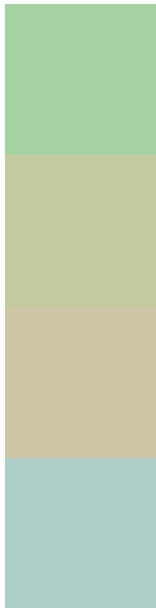
56.5456, 0.3632, 0.3566



Tritanopia

56.9403, 0.2816, 0.3094

Trichromacy



Original Color

56.8445, 0.3120, 0.3908

Protanomaly

56.3464, 0.3387, 0.3826

Deuteranomaly

56.1205, 0.3426, 0.3679

Tritanomaly

57.0368, 0.2925, 0.3378

Monochromacy



Original Color

56.8445, 0.3120, 0.3908

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.6694, 0.3125, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8445, 0.3120, 0.3908 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(166, 210, 163)` looks like.

```
.text, #text, p{  
    color:rgb(166, 210, 163)  
}
```

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(166, 210, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 210, 163) }
```

Border

The CSS property to change the border of an element to Yxy 56.8445, 0.3120, 0.3908 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(166, 210, 163) }
```

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

```
.border{ border-color:rgb(166, 210, 163) }
```

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

Here you see how a box with a 4 pixel rgb(166, 210, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 210, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 210, 163);  
box-shadow:4px 4px 4px 4px rgb(166, 210,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8445, 0.3120, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 210, 163) }
```

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

```
.background{ background-color: rgb(166,  
210, 163) }
```

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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