

Converting Colors

Yxy(56.2647, 0.3173, 0.4027)

Have a look what the booklet for
Yxy(56.2647, 0.3173, 0.4027)
contains.

Yxy(56.4256, 0.3172, 0.4032)	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(56.4256, 0.3172, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	A5D29A
RGB	165, 210, 154
RGB Percent	65%, 82%, 60%
CMY	0.3531, 0.1764, 0.3960
CMYK	0.21, 0.00, 0.27, 0.18
HSL	108°, 38%, 71%
HSV	108°, 27%, 82%
XYZ	44.3904, 56.4256, 39.1285
YIQ	190.1610, -8.8440, -26.9560

Conversions

Conversions Part 2

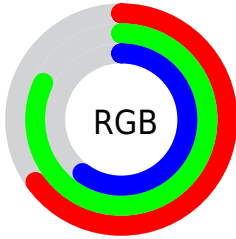
Format	Color
RYB	154, 210, 199
Decimal	10867354
CIELab	79.86, -25.24, 23.08
CIELCh	80, 34.199, 137.564
Yxy	56.4256, 0.3172, 0.4032
Android (android.graphics.Color)	4289057434 (0xFFA5D29A)
YUV	190.1610, -17.8274, -22.0662
Hunter-Lab	75.1170, -25.9701, 21.6977

Details

The Yxy color **56.4256, 0.3172, 0.4032** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9211, 0.3058, 0.2611**, and the grayscale version is **51.6958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4956, 0.3179, 0.3773**, and **27.8667, 0.3167, 0.4233** is the 20% darker color. If you saturate the color by 10%, you get **54.0950, 0.3182, 0.4357**, and if you desaturate by 10%, it is **59.1228, 0.3157, 0.3730**.

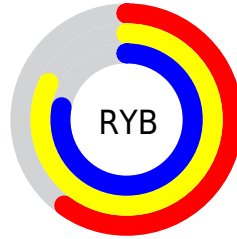
Distribution



Red (65%)

Green (82%)

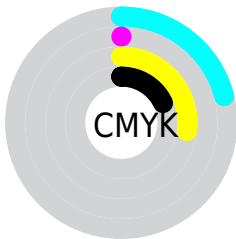
Blue (60%)



Red (60%)

Yellow (82%)

Blue (78%)

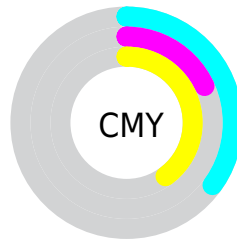


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (18%)



Cyan (35%)

Magenta (18%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4256, 0.3172, 0.4032 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 56.4256, 0.3172, 0.4032 by changing the saturation by 10% instead.


 56.4256, 0.3172,
0.4032


 56.4256, 0.3172,
0.4032


411.2934, 0.3159,
0.3658

 40.5443, 0.3172,
0.4126


 99.6266, 0.3169,
0.3896

 27.9631, 0.3171,
0.4246


 127.7150, 0.3168,
0.3845

 18.2979, 0.3167,
0.4406


160.6412, 0.3166,
0.3802

 11.1641, 0.3156,
0.4629

198.7897, 0.3164,
0.3765

 6.1773, 0.3127,
0.4957

242.5447, 0.3163,
0.3733

 2.9532, 0.3057,
0.5492

292.2908, 0.3161,

 1.1073, 0.2754,

0.3705

0.7246

348.4122, 0.3160,
0.3680

0.0000, 0.0000,
0.0000

56.4256, 0.3172,
0.4032

56.4256, 0.3172,
0.4032

54.0950, 0.3182,
0.4357

59.1228, 0.3157,
0.3730

52.1081, 0.3186,
0.4695

62.1941, 0.3140,
0.3456

50.4505, 0.3181,
0.5029

65.6559, 0.3121,
0.3212

49.1037, 0.3167,
0.5339

69.5212, 0.3101,
0.2997

48.0476, 0.3143,
0.5603

73.5410, 0.3108,
0.2846

■ 47.2594, 0.3110,
0.5799

■ 74.5797, 0.3148,
0.2851

■ 46.7118, 0.3073,
0.5921

■ 46.5720, 0.3062,
0.5951

Harmonies

Analogous

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



56.4256, 0.3605, 0.4091



56.4256, 0.3172, 0.4032



56.4256, 0.2746, 0.3721

Triad

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



56.4256, 0.3172, 0.4032



56.4256, 0.2375, 0.2637



56.4256, 0.3862, 0.3235

Complementary

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



56.4256, 0.3172, 0.4032



39.9211, 0.3058, 0.2611

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.



56.4256, 0.3488, 0.2906



56.4256, 0.3172, 0.4032



56.4256, 0.2630, 0.2569

Square

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



56.4256, 0.3172, 0.4032



56.4256, 0.2307, 0.2884



56.4256, 0.3030, 0.2669



56.4256, 0.4023, 0.3596

Rectangle

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



56.4256, 0.3172, 0.4032



56.4256, 0.2522, 0.3430



56.4256, 0.3030, 0.2669



56.4256, 0.3755, 0.3119

Sweetspot

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



56.4280, 0.3172, 0.4032



95.7739, 0.3142, 0.3493



56.7981, 0.3559, 0.3829



20.3389, 0.3145, 0.3534



0.0000, 0.0000, 0.0000



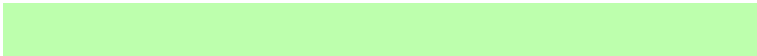
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4280, 0.3172, 0.4032



85.4158, 0.3178, 0.4215



55.9042, 0.2983, 0.3815



13.3159, 0.3145, 0.3528



28.4377, 0.3069, 0.5945



1.6235, 0.3191, 0.5848

Inverse Universe

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



39.9211, 0.3058, 0.2611



55.6208, 0.3039, 0.2461



40.6790, 0.3310, 0.2818



11.8875, 0.3107, 0.3059



8.0233, 0.2722, 0.1273



0.4792, 0.2816, 0.1325

Previews

White Background



This preview shows how the Yxy color 56.4256, 0.3172, 0.4032 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 56.4256, 0.3172, 0.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

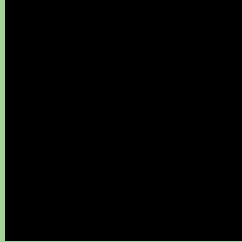
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4256, 0.3172, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 56.4256, 0.3172, 0.4032.

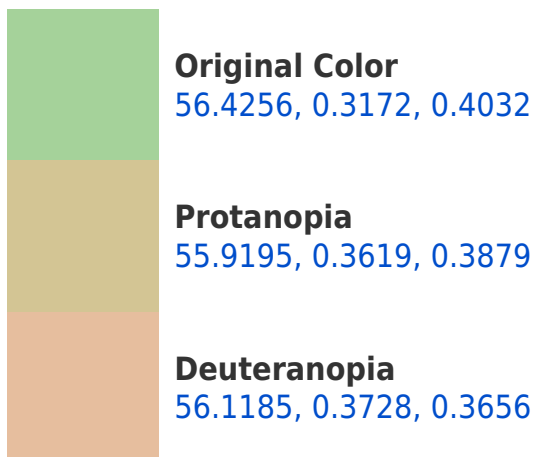


This preview shows how white text looks on a background with the Yxy color 56.4256, 0.3172, 0.4032.

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





Tritanopia

56.4170, 0.2821, 0.3093

Trichromacy



Original Color

56.4256, 0.3172, 0.4032

Protanomaly

55.9124, 0.3445, 0.3941

Deuteranomaly

55.4886, 0.3506, 0.3778

Tritanomaly

56.2607, 0.2944, 0.3417

Monochromacy



Original Color

56.4256, 0.3172, 0.4032

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.9306, 0.3147, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4256, 0.3172, 0.4032 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(165, 210, 154)` looks like.

```
.text, #text, p{  
    color:rgb(165, 210, 154)  
}
```

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(165, 210, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 210, 154) }
```

Border

The CSS property to change the border of an element to Yxy 56.4256, 0.3172, 0.4032 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(165, 210, 154) }
```

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

```
.border{ border-color:rgb(165, 210, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 210, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 210, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 210, 154);  
box-shadow:4px 4px 4px 4px rgb(165, 210,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4256, 0.3172, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 210, 154) }
```

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

```
.background{ background-color: rgb(165,  
210, 154) }
```

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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