

Converting Colors

$Yxy(56.6813, 0.3169, 0.3880)$

Have a look what the booklet for
Yxy(56.6813, 0.3169, 0.3880)
contains.

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Color

Yxy(56.5268, 0.3167, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	ACD0A3
RGB	172, 208, 163
RGB Percent	67%, 82%, 64%
CMY	0.3253, 0.1843, 0.3608
CMYK	0.17, 0.00, 0.22, 0.18
HSL	108°, 32%, 73%
HSV	108°, 22%, 82%
XYZ	46.1869, 56.5268, 43.1243
YIQ	192.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

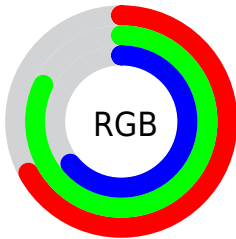
Format	Color
R _{YB}	163, 208, 199
Decimal	11325603
CIE _{Lab}	79.91, -20.32, 18.49
CIE _{LCh}	80, 27.476, 137.702
Y _{xy}	56.5268, 0.3167, 0.3876
Android (android.graphics.Color)	4289515683 (0xFFACD0A3)
YUV	192.1060, -14.3493, -17.6330
Hunter-Lab	75.1843, -21.9172, 18.6214

Details

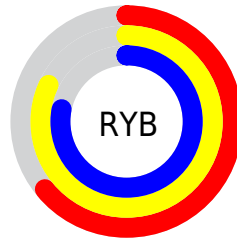
The Yxy color **56.5268, 0.3167, 0.3876** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.8817, 0.3072, 0.2743**, and the grayscale version is **52.8714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0759, 0.3171, 0.3671**, and **28.1808, 0.3169, 0.4053** is the 20% darker color. If you saturate the color by 10%, you get **54.0792, 0.3180, 0.4190**, and if you desaturate by 10%, it is **59.3370, 0.3150, 0.3588**.

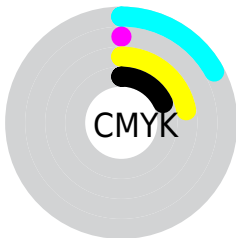
Distribution



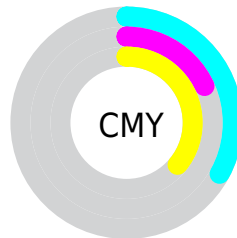
- Red (67%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)




- Cyan (33%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5268, 0.3167, 0.3876 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 56.5268, 0.3167, 0.3876 by changing the saturation by 10% instead.

 56.5268, 0.3167,
0.3876

 56.5268, 0.3167,
0.3876

411.6738, 0.3153,
0.3583

 40.6254, 0.3169,
0.3949


 99.7744, 0.3163,
0.3770

 28.0265, 0.3170,
0.4043


 127.8894, 0.3161,
0.3730

 18.3457, 0.3170,
0.4167


160.8445, 0.3160,
0.3696

 11.1984, 0.3167,
0.4339

199.0239, 0.3158,
0.3667

 6.2005, 0.3155,
0.4594

242.8122, 0.3157,
0.3642

 2.9674, 0.3117,
0.5003

292.5937, 0.3155,

 1.1147, 0.3292,

0.3620

0.6708

348.7527, 0.3154,
0.3600

0.0000, 0.0000,
0.0000

56.5268, 0.3167,
0.3876

56.5268, 0.3167,
0.3876

54.0792, 0.3180,
0.4190

59.3370, 0.3150,
0.3588

51.9722, 0.3188,
0.4522

62.5163, 0.3130,
0.3329

50.1928, 0.3189,
0.4859

66.0802, 0.3110,
0.3100

48.7238, 0.3180,
0.5184

70.0410, 0.3090,
0.2899

47.5469, 0.3161,
0.5473

73.5892, 0.3149,
0.2831

■ 46.6414, 0.3132,
0.5705

■ 45.9839, 0.3096,
0.5865

■ 45.5978, 0.3066,
0.5948

Harmonies

Analogous

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



56.5268, 0.3515, 0.3932



56.5268, 0.3167, 0.3876



56.5268, 0.2821, 0.3631

Triad

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



56.5268, 0.3167, 0.3876



56.5268, 0.2515, 0.2762



56.5268, 0.3716, 0.3252

Complementary

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



56.5268, 0.3167, 0.3876



42.8817, 0.3072, 0.2743

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.



56.5268, 0.3420, 0.2979



56.5268, 0.3167, 0.3876



56.5268, 0.2727, 0.2702

Square

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



56.5268, 0.3167, 0.3876



56.5268, 0.2458, 0.2967



56.5268, 0.3054, 0.2782



56.5268, 0.3845, 0.3548

Rectangle

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



56.5268, 0.3167, 0.3876



56.5268, 0.2637, 0.3404



56.5268, 0.3054, 0.2782



56.5268, 0.3632, 0.3156

Sweetspot

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



56.5292, 0.3167, 0.3876



96.8084, 0.3139, 0.3441



56.5537, 0.3474, 0.3716



20.6495, 0.3140, 0.3458



0.0000, 0.0000, 0.0000



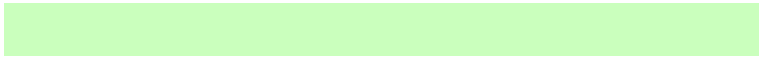
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5292, 0.3167, 0.3876



87.7422, 0.3174, 0.4020



56.0199, 0.3014, 0.3714



13.3191, 0.3146, 0.3528



28.4536, 0.3073, 0.5942



1.6250, 0.3196, 0.5844

Inverse Universe

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



42.8817, 0.3072, 0.2743



62.3047, 0.3057, 0.2620



43.5535, 0.3263, 0.2901



11.8840, 0.3106, 0.3059



7.9442, 0.2708, 0.1266



0.4754, 0.2805, 0.1319

Previews

White Background



This preview shows how the Yxy color 56.5268, 0.3167, 0.3876 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 56.5268, 0.3167, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

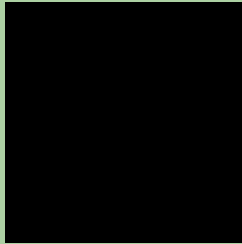
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5268, 0.3167, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 56.5268, 0.3167, 0.3876.



This preview shows how white text looks on a background with the Yxy color 56.5268, 0.3167, 0.3876.

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

56.5268, 0.3167, 0.3876

Protanopia

56.1028, 0.3533, 0.3760

Deuteranopia

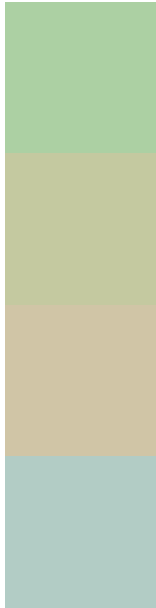
56.1109, 0.3635, 0.3554



Tritanopia

56.6068, 0.2869, 0.3095

Trichromacy



Original Color

56.5268, 0.3167, 0.3876

Protanomaly

56.0471, 0.3390, 0.3800

Deuteranomaly

56.0956, 0.3453, 0.3665

Tritanomaly

56.6819, 0.2981, 0.3377

Monochromacy



Original Color

56.5268, 0.3167, 0.3876

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.0387, 0.3149, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5268, 0.3167, 0.3876 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(172, 208, 163)` looks like.

```
.text, #text, p{  
    color:rgb(172, 208, 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(172, 208, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 208, 163) }
```

Border

The CSS property to change the border of an element to Yxy 56.5268, 0.3167, 0.3876 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(172, 208, 163) }
```

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

```
.border{ border-color:rgb(172, 208, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 208, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 208, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 208, 163); box-shadow:4px 4px 4px 4px rgb(172, 208, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5268, 0.3167, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 208, 163) }
```

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

```
.background{ background-color: rgb(172,  
208, 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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