

Converting Colors

$Yxy(41.4631, 0.3208, 0.3856)$

Have a look what the booklet for
Yxy(41.4631, 0.3208, 0.3856)
contains.

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Color

Yxy(41.4356, 0.3212, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	9AB48D
RGB	154, 180, 141
RGB Percent	60%, 71%, 55%
CMY	0.3961, 0.2941, 0.4471
CMYK	0.14, 0.00, 0.22, 0.29
HSL	100°, 21%, 63%
HSV	100°, 22%, 71%
XYZ	34.4528, 41.4356, 31.3744
YIQ	167.7800, -2.9770, -17.6410

Conversions

Conversions Part 2

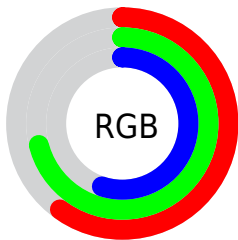
Format	Color
RYB	141, 180, 167
Decimal	10138765
CIELab	70.48, -16.25, 17.00
CIELCh	70, 23.523, 133.708
Yxy	41.4356, 0.3212, 0.3863
Android (android.graphics.Color)	4288328845 (0xFF9AB48D)
YUV	167.7800, -13.2025, -12.0851
Hunter-Lab	64.3705, -17.1104, 16.1612

Details

The Yxy color **41.4356, 0.3212, 0.3863** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.5563, 0.3021, 0.2739**, and the grayscale version is **39.1108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4863, 0.3199, 0.3748**, and **18.7589, 0.3220, 0.4039** is the 20% darker color. If you saturate the color by 10%, you get **39.8251, 0.3246, 0.4163**, and if you desaturate by 10%, it is **43.2545, 0.3174, 0.3584**.

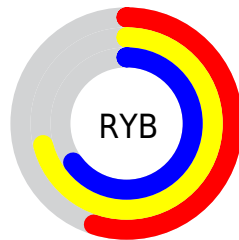
Distribution



Red (60%)

Green (71%)

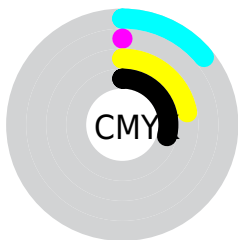
Blue (55%)



Red (55%)

Yellow (71%)

Blue (65%)

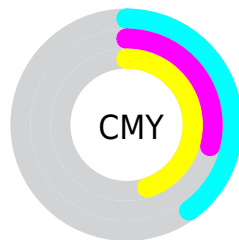


Cyan (14%)

Magenta (0%)

Yellow (22%)

Black (29%)



Cyan (40%)

Magenta (29%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4356, 0.3212, 0.3863 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 41.4356, 0.3212, 0.3863 by changing the saturation by 10% instead.

41.4356, 0.3212,
0.3863

41.4356, 0.3212,
0.3863

352.1379, 0.3173,
0.3562

28.6596, 0.3220,
0.3943

77.3447, 0.3199,
0.3750

18.8235, 0.3229,
0.4048

101.2466, 0.3194,
0.3709

11.5428, 0.3239,
0.4193

129.6260, 0.3189,
0.3675

6.4332, 0.3249,
0.4406

162.8671, 0.3185,
0.3645

3.1102, 0.3250,
0.4744

201.3545, 0.3182,
0.3620

1.1895, 0.3584,
0.6038

245.4725, 0.3179,

0.0531, 0.0000,

0.3598

1.0000

295.6055, 0.3176,
0.3579

0.0000, 0.0000,
0.0000

41.4356, 0.3212,
0.3863

41.4356, 0.3212,
0.3863

39.8251, 0.3246,
0.4163

43.2545, 0.3174,
0.3584

38.4101, 0.3273,
0.4478

45.2836, 0.3134,
0.3330

37.1841, 0.3290,
0.4795

47.5316, 0.3094,
0.3102

36.1384, 0.3294,
0.5101

50.0051, 0.3054,
0.2899

35.2634, 0.3283,
0.5376

52.7103, 0.3016,
0.2719

■ 34.5484, 0.3255,
0.5602

■ 55.6531, 0.2980,
0.2560

■ 33.9815, 0.3213,
0.5767

■ 58.0429, 0.3030,
0.2526

■ 33.6062, 0.3173,
0.5863

■ 60.1900, 0.3123,
0.2547

■ 61.1257, 0.3162,
0.2556

Harmonies

Analogous

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



41.4356, 0.3536, 0.3892



41.4356, 0.3212, 0.3863



41.4356, 0.2877, 0.3652

Triad

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



41.4356, 0.3212, 0.3863



41.4356, 0.2528, 0.2807



41.4356, 0.3656, 0.3218

Complementary

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



41.4356, 0.3212, 0.3863



30.5563, 0.3021, 0.2739

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.



41.4356, 0.3361, 0.2964



41.4356, 0.3212, 0.3863



41.4356, 0.2712, 0.2729

Square

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



41.4356, 0.3212, 0.3863



41.4356, 0.2495, 0.3020



41.4356, 0.3013, 0.2789



41.4356, 0.3804, 0.3501

Rectangle

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



41.4356, 0.3212, 0.3863



41.4356, 0.2692, 0.3443



41.4356, 0.3013, 0.2789



41.4356, 0.3570, 0.3128

Sweetspot

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



41.4374, 0.3212, 0.3863



80.0508, 0.3156, 0.3465



39.2643, 0.3483, 0.3652



17.2559, 0.3158, 0.3480



91.1408, 0.3127, 0.3290



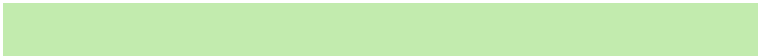
17.8868, 0.3127, 0.3290

Same Dimension

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



41.4374, 0.3212, 0.3863



73.6889, 0.3229, 0.4004



40.4290, 0.3050, 0.3781



9.6231, 0.3165, 0.3522



23.4861, 0.3181, 0.5856



0.7717, 0.3415, 0.5670

Inverse Universe

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



30.5563, 0.3021, 0.2739



50.4313, 0.2992, 0.2610



31.7859, 0.3216, 0.2844



8.5020, 0.3086, 0.3062



5.1251, 0.2395, 0.1093



0.1915, 0.2630, 0.1222

Previews

White Background



This preview shows how the Yxy color 41.4356, 0.3212, 0.3863 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 41.4356, 0.3212, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

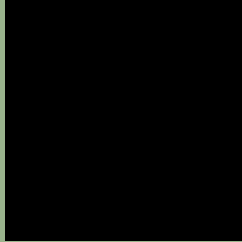
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4356, 0.3212, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 41.4356, 0.3212, 0.3863.



This preview shows how white text looks on a background with the Yxy color 41.4356, 0.3212, 0.3863.

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

41.4356, 0.3212, 0.3863

Protanopia

41.3785, 0.3534, 0.3769

Deuteranopia

40.9297, 0.3639, 0.3566



Tritanopia

41.4800, 0.2905, 0.3097

Trichromacy



Original Color

41.4356, 0.3212, 0.3863

Protanomaly

41.2656, 0.3411, 0.3812

Deuteranomaly

40.6777, 0.3476, 0.3661

Tritanomaly

41.2600, 0.3012, 0.3360

Monochromacy



Original Color

41.4356, 0.3212, 0.3863

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7602, 0.3163, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4356, 0.3212, 0.3863 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(154, 180, 141)` looks like.

```
.text, #text, p{  
    color:rgb(154, 180, 141)  
}
```

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(154, 180, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 180, 141) }
```

Border

The CSS property to change the border of an element to Yxy 41.4356, 0.3212, 0.3863 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(154, 180, 141) }
```

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

```
.border{ border-color:rgb(154, 180, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 180, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 180, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 180, 141);  
box-shadow:4px 4px 4px 4px rgb(154, 180,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4356, 0.3212, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 180, 141) }
```

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

```
.background{ background-color: rgb(154,  
180, 141) }
```

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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