

Converting Colors

Yxy(52.6460, 0.3266, 0.4210)

Have a look what the booklet for
Yxy(52.6460, 0.3266, 0.4210)
contains.

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Color

Yxy(52.5689, 0.3263, 0.4204)

Conversions

Conversions Part 1

Format	Color
Hex	A1CC89
RGB	161, 204, 137
RGB Percent	63%, 80%, 54%
CMY	0.3688, 0.2000, 0.4626
CMYK	0.21, 0.00, 0.33, 0.20
HSL	99°, 40%, 67%
HSV	99°, 33%, 80%
XYZ	40.8022, 52.5689, 31.6739
YIQ	183.5050, -4.1210, -29.9530

Conversions

Conversions Part 2

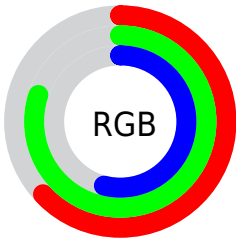
Format	Color
RYB	137, 204, 180
Decimal	10603657
CIELab	77.62, -26.35, 28.89
CIELCh	78, 39.106, 132.364
Yxy	52.5689, 0.3263, 0.4204
Android (android.graphics.Color)	4288793737 (0xFFA1CC89)
YUV	183.5050, -22.9270, -19.7369
Hunter-Lab	72.5044, -26.4311, 24.8520

Details

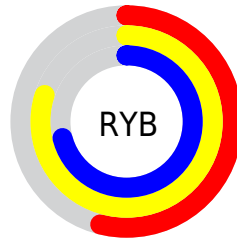
The Yxy color **52.5689, 0.3263, 0.4204** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.9728, 0.2933, 0.2423**, and the grayscale version is **47.7746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0333, 0.3256, 0.3973**, and **25.6727, 0.3281, 0.4487** is the 20% darker color. If you saturate the color by 10%, you get **50.7486, 0.3293, 0.4520**, and if you desaturate by 10%, it is **54.6473, 0.3226, 0.3901**.

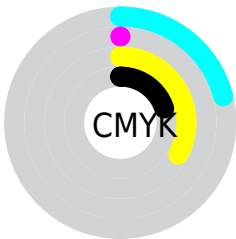
Distribution



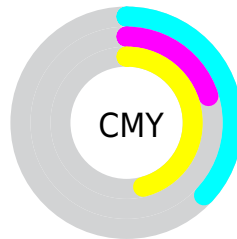
- Red (63%)
- Green (80%)
- Blue (54%)



- Red (54%)
- Yellow (80%)
- Blue (71%)



- Cyan (21%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)





- Cyan (37%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5689, 0.3263, 0.4204 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 52.5689, 0.3263, 0.4204 by changing the saturation by 10% instead.


 52.5689, 0.3263,
0.4204


 52.5689, 0.3263,
0.4204


396.6290, 0.3209,
0.3737

 37.4587, 0.3272,
0.4322


 93.9697, 0.3247,
0.4033

 25.5629, 0.3280,
0.4475


 121.0291, 0.3240,
0.3969

 16.4969, 0.3285,
0.4679


 152.8404, 0.3233,
0.3915

 9.8765, 0.3281,
0.4963

189.7880, 0.3228,
0.3869

 5.3171, 0.3251,
0.5381

232.2563, 0.3222,
0.3829

 2.4345, 0.3330,
0.6397

280.6296, 0.3217,

 0.8436, 0.1582,

0.3795

0.8418

335.2923, 0.3213,
0.3764

0.0000, 0.0000,
0.0000

52.5689, 0.3263,
0.4204

52.5689, 0.3263,
0.4204

50.7486, 0.3293,
0.4520

54.6473, 0.3226,
0.3901

49.1690, 0.3311,
0.4836

56.9869, 0.3184,
0.3618

47.8208, 0.3316,
0.5137


59.5994, 0.3140,
0.3359

46.6915, 0.3303,
0.5403


62.4936, 0.3095,
0.3125


45.7671, 0.3273,
0.5619

65.6782, 0.3052,
0.2917

 45.0314, 0.3228,
0.5772

 68.8720, 0.3039,
0.2774

 44.6033, 0.3191,
0.5848

 71.2456, 0.3134,
0.2789

 71.6709, 0.3151,
0.2792

Harmonies

Analogous

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



52.5689, 0.3755, 0.4207



52.5689, 0.3263, 0.4204



52.5689, 0.2758, 0.3881

Triad

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



52.5689, 0.3263, 0.4204



52.5689, 0.2229, 0.2564



52.5689, 0.3927, 0.3150

Complementary

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



52.5689, 0.3263, 0.4204



31.9728, 0.2933, 0.2423

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.



52.5689, 0.3455, 0.2789



52.5689, 0.3263, 0.4204



52.5689, 0.2484, 0.2457

Square

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



52.5689, 0.3263, 0.4204



52.5689, 0.2189, 0.2878



52.5689, 0.2921, 0.2542



52.5689, 0.4166, 0.3562

Rectangle

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



52.5689, 0.3263, 0.4204



52.5689, 0.2481, 0.3544



52.5689, 0.2921, 0.2542



52.5689, 0.3788, 0.3021

Sweetspot

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



52.5712, 0.3263, 0.4204



95.4883, 0.3172, 0.3545



47.0674, 0.3708, 0.3825



20.3108, 0.3178, 0.3583



0.0000, 0.0000, 0.0000



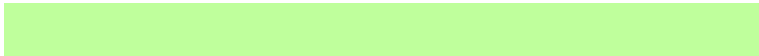
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5712, 0.3263, 0.4204



84.9924, 0.3284, 0.4414



50.5860, 0.3024, 0.4124



12.7287, 0.3169, 0.3526



28.1183, 0.3201, 0.5841



1.4930, 0.3358, 0.5716

Inverse Universe

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



31.9728, 0.2933, 0.2423



45.9786, 0.2881, 0.2237



34.6826, 0.3251, 0.2579



11.1955, 0.3082, 0.3058



5.8405, 0.2335, 0.1060



0.3430, 0.2508, 0.1155

Previews

White Background



This preview shows how the Yxy color 52.5689, 0.3263, 0.4204 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 52.5689, 0.3263, 0.4204 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 52.5689, 0.3263, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 52.5689, 0.3263, 0.4204.



This preview shows how white text looks on a background with the Yxy color 52.5689, 0.3263, 0.4204.

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

52.5689, 0.3263, 0.4204

Protanopia

52.1929, 0.3731, 0.4013

Deuteranopia

51.9887, 0.3854, 0.3768



Tritanopia

52.4540, 0.2847, 0.3101

Trichromacy



Original Color

52.5689, 0.3263, 0.4204

Protanomaly

52.1482, 0.3547, 0.4085

Deuteranomaly

51.7116, 0.3623, 0.3926

Tritanomaly

52.1319, 0.3002, 0.3487

Monochromacy



Original Color

52.5689, 0.3263, 0.4204

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.2817, 0.3186, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5689, 0.3263, 0.4204 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(161, 204, 137)` looks like.

```
.text, #text, p{  
    color:rgb(161, 204, 137)  
}
```

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(161, 204, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 204, 137) }
```

Border

The CSS property to change the border of an element to Yxy 52.5689, 0.3263, 0.4204 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(161, 204, 137) }
```

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

```
.border{ border-color:rgb(161, 204, 137) }
```

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

Here you see how a box with a 4 pixel rgb(161, 204, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 204, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 204, 137);  
box-shadow:4px 4px 4px 4px rgb(161, 204,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5689, 0.3263, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 204, 137) }
```

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

```
.background{ background-color: rgb(161,  
204, 137) }
```

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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