

Converting Colors

$Y_{xy}(50.2339, 0.3212, 0.3564)$

Have a look what the booklet for
Yxy(50.2339, 0.3212, 0.3564)
contains.

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Color

Yxy(50.1090, 0.3213, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	B6BFAA
RGB	182, 191, 170
RGB Percent	71%, 75%, 67%
CMY	0.2863, 0.2509, 0.3334
CMYK	0.05, 0.00, 0.11, 0.25
HSL	86°, 14%, 71%
HSV	86°, 11%, 75%
XYZ	45.1740, 50.1090, 45.3146
YIQ	185.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

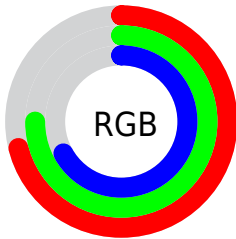
Format	Color
RYB	170, 191, 179
Decimal	11976618
CIELab	76.14, -6.94, 9.53
CIELCh	76, 11.792, 126.048
Yxy	50.1090, 0.3213, 0.3564
Android (android.graphics.Color)	4290166698 (0xFFB6BFAA)
YUV	185.9150, -7.8461, -3.4335
Hunter-Lab	70.7877, -9.9666, 11.5970

Details

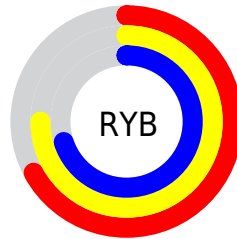
The Yxy color **50.1090, 0.3213, 0.3564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0924, 0.3034, 0.3014**, and the grayscale version is **49.0963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1349, 0.3201, 0.3513**, and **24.1521, 0.3233, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **48.4707, 0.3290, 0.3832**, and if you desaturate by 10%, it is **51.9152, 0.3135, 0.3314**.

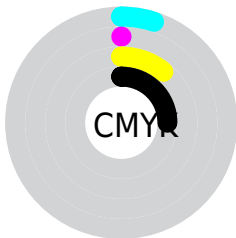
Distribution



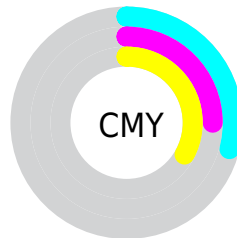
- Red (71%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1090, 0.3213, 0.3564 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 50.1090, 0.3213, 0.3564 by changing the saturation by 10% instead.

■ 50.1090, 0.3213,
0.3564

■ 50.1090, 0.3213,
0.3564

387.0920, 0.3172,
0.3427

■ 35.5000, 0.3223,
0.3598

■ 90.3364, 0.3198,
0.3514

■ 24.0483, 0.3235,
0.3642

116.7235, 0.3193,
0.3495

■ 15.3695, 0.3252,
0.3701

147.8055, 0.3188,
0.3480

■ 9.0791, 0.3273,
0.3784

183.9668, 0.3184,
0.3466

■ 4.7928, 0.3304,
0.3907

225.5916, 0.3180,
0.3454

■ 2.1262, 0.3349,
0.4111

273.0646, 0.3177,

■ 0.6793, 0.3876,

0.3444

0.5529

326.7699, 0.3174,
0.3435

0.0000, 0.0000,
0.0000

50.1090, 0.3213,
0.3564

50.1090, 0.3213,
0.3564

48.4707, 0.3290,
0.3832

51.9152, 0.3135,
0.3314

46.9882, 0.3364,
0.4114

53.8879, 0.3058,
0.3085

45.6579, 0.3431,
0.4403

56.0343, 0.2985,
0.2876

44.4734, 0.3485,
0.4688

58.3591, 0.2915,
0.2688

43.4280, 0.3523,
0.4957

60.1724, 0.2918,
0.2617

■ 42.5142, 0.3540,
0.5196

■ 61.5068, 0.2978,
0.2628

■ 41.7235, 0.3535,
0.5392

■ 62.9051, 0.3039,
0.2640

■ 41.0461, 0.3506,
0.5537

■ 64.3682, 0.3101,
0.2652

■ 40.5174, 0.3466,
0.5630

■ 65.7461, 0.3157,
0.2663

Harmonies

Analogous

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



50.1090, 0.3355, 0.3563



50.1090, 0.3213, 0.3564



50.1090, 0.3051, 0.3486

Triad

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



50.1090, 0.3213, 0.3564



50.1090, 0.2827, 0.3084



50.1090, 0.3345, 0.3225

Complementary

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



50.1090, 0.3213, 0.3564



42.0924, 0.3034, 0.3014

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.



50.1090, 0.3198, 0.3105



50.1090, 0.3213, 0.3564



50.1090, 0.2901, 0.3023

Square

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



50.1090, 0.3213, 0.3564



50.1090, 0.2831, 0.3204



50.1090, 0.3036, 0.3032



50.1090, 0.3433, 0.3364

Rectangle

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



50.1090, 0.3213, 0.3564



50.1090, 0.2953, 0.3401



50.1090, 0.3036, 0.3032



50.1090, 0.3301, 0.3182

Sweetspot

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



50.1112, 0.3213, 0.3564



92.2853, 0.3151, 0.3363



46.1186, 0.3307, 0.3404



20.2060, 0.3157, 0.3383



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.1112, 0.3213, 0.3564



89.0675, 0.3230, 0.3622



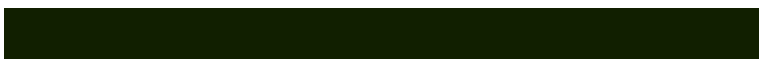
48.9092, 0.3128, 0.3571



10.9110, 0.3200, 0.3521



26.6726, 0.3475, 0.5623



1.0827, 0.3645, 0.5488

Inverse Universe

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



42.0924, 0.3034, 0.3014



72.0951, 0.3014, 0.2956



43.3589, 0.3124, 0.3022



9.4202, 0.3049, 0.3058



3.6967, 0.1905, 0.0823



0.1835, 0.2186, 0.0978

Previews

White Background



This preview shows how the Yxy color 50.1090, 0.3213, 0.3564 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 50.1090, 0.3213, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

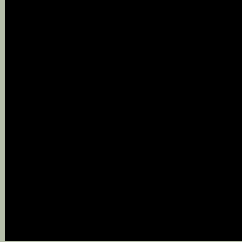
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

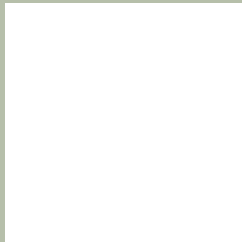
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1090, 0.3213, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 50.1090, 0.3213, 0.3564.



This preview shows how white text looks on a background with the Yxy color 50.1090, 0.3213, 0.3564.

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

50.1090, 0.3213, 0.3564

Protanopia

49.9699, 0.3346, 0.3531

Deuteranopia

49.8752, 0.3465, 0.3400



Tritanopia

49.8997, 0.3022, 0.3103

Trichromacy



Original Color

50.1090, 0.3213, 0.3564

Protanomaly

49.7782, 0.3293, 0.3534

Deuteranomaly

49.9176, 0.3368, 0.3465

Tritanomaly

49.9984, 0.3087, 0.3265

Monochromacy



Original Color

50.1090, 0.3213, 0.3564

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5760, 0.3164, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1090, 0.3213, 0.3564 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(182, 191, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 170)  
}
```

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(182, 191, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 170) }
```

Border

The CSS property to change the border of an element to Yxy 50.1090, 0.3213, 0.3564 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(182, 191, 170) }
```

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

```
.border{ border-color:rgb(182, 191, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 191, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1090, 0.3213, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 170) }
```

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

```
.background{ background-color: rgb(182,  
191, 170) }
```

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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