

Converting Colors

$Y_{xy}(50.2061, 0.3526, 0.3210)$

Have a look what the booklet for
Yxy(50.2061, 0.3526, 0.3210)
contains.

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Color

Yxy(50.2061, 0.3526, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	E2AFB6
RGB	226, 175, 182
RGB Percent	89%, 69%, 71%
CMY	0.1136, 0.3138, 0.2862
CMYK	0.00, 0.23, 0.19, 0.11
HSL	352°, 47%, 79%
HSV	352°, 23%, 89%
XYZ	55.1485, 50.2061, 51.0507
YIQ	191.0470, 28.1490, 12.9890

Conversions

Conversions Part 2

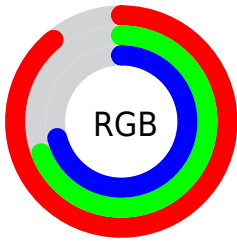
Format	Color
R _Y B	226, 175, 182
Decimal	14856118
CIE Lab	76.20, 19.64, 3.58
CIE LCh	76, 19.961, 10.345
Yxy	50.2061, 0.3526, 0.3210
Android (android.graphics.Color)	4293046198 (0xFFE2AFB6)
YUV	191.0470, -4.4602, 30.6538
Hunter-Lab	70.8563, 14.9308, 6.8820

Details

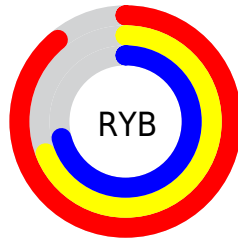
The Yxy color **50.2061, 0.3526, 0.3210** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.6422, 0.2833, 0.3372**, and the grayscale version is **52.1464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5849, 0.3247, 0.3222**, and **24.0501, 0.3642, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **41.3838, 0.3775, 0.3173**, and if you desaturate by 10%, it is **60.6178, 0.3325, 0.3247**.

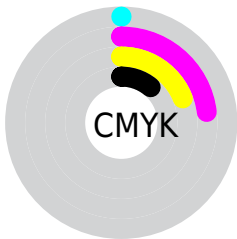
Distribution



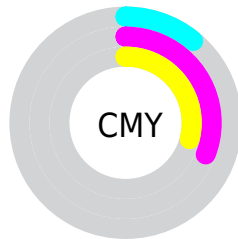
- Red (89%)
- Green (69%)
- Blue (71%)



- Red (89%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2061, 0.3526, 0.3210 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 50.2061, 0.3526, 0.3210 by changing the saturation by 10% instead.


 50.2061, 0.3526,
0.3210

 50.2061, 0.3526,
0.3210


387.4714, 0.3328,
0.3251

 35.5772, 0.3575,
0.3199


 90.4802, 0.3454,
0.3225

 24.1078, 0.3638,
0.3185


116.8941, 0.3427,
0.3231

 15.4136, 0.3720,
0.3166


148.0052, 0.3405,
0.3236

 9.1102, 0.3835,
0.3139

184.1978, 0.3385,
0.3240

 4.8131, 0.4004,
0.3097

225.8563, 0.3368,
0.3243

 2.1380, 0.4278,
0.3026

273.3652, 0.3353,

 0.6859, 0.4965,

0.3246

0.2921

327.1087, 0.3340,
0.3249

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2061, 0.3526,
0.3210

50.2061, 0.3526,
0.3210

41.3838, 0.3775,
0.3173

60.6178, 0.3325,
0.3247

34.0662, 0.4078,
0.3137

72.6846, 0.3164,
0.3281

28.1711, 0.4441,
0.3107

86.4767, 0.3033,
0.3313

23.6056, 0.4854,
0.3089

94.9154, 0.2952,
0.3289

■ 20.2660, 0.5295,
0.3091

■ 18.0329, 0.5716,
0.3117

■ 16.7629, 0.6059,
0.3168

■ 16.2751, 0.6240,
0.3211

Harmonies

Analogous

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



50.2061, 0.3284, 0.3008



50.2061, 0.3526, 0.3210



50.2061, 0.3658, 0.3439

Triad

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



50.2061, 0.3526, 0.3210



50.2061, 0.3229, 0.3751



50.2061, 0.2636, 0.2919

Complementary

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



50.2061, 0.3526, 0.3210



68.6422, 0.2833, 0.3372

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.



50.2061, 0.2624, 0.3104



50.2061, 0.3526, 0.3210



50.2061, 0.2958, 0.3599

Square

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



50.2061, 0.3526, 0.3210



50.2061, 0.3480, 0.3762



50.2061, 0.2739, 0.3355



50.2061, 0.2773, 0.2840

Rectangle

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



50.2061, 0.3526, 0.3210



50.2061, 0.3663, 0.3580



50.2061, 0.2739, 0.3355



50.2061, 0.2618, 0.2970

Sweetspot

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



50.2084, 0.3526, 0.3210



88.1833, 0.3231, 0.3266



51.1125, 0.3090, 0.2719



18.6680, 0.3241, 0.3264



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.



50.2084, 0.3526, 0.3210



60.4100, 0.3634, 0.3193



57.3461, 0.3545, 0.3496



13.7311, 0.3270, 0.3258



9.2912, 0.6213, 0.3196



0.6540, 0.5853, 0.2998

Inverse Universe

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



50.2084, 0.3526, 0.3210



60.4100, 0.3634, 0.3193



59.8013, 0.2777, 0.3075



13.7311, 0.3270, 0.3258



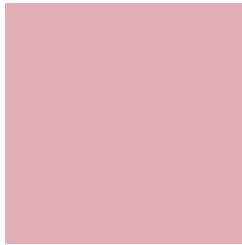
9.2912, 0.6213, 0.3196



0.6540, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 50.2061, 0.3526, 0.3210 looks on a white background.

Color Contrast Check

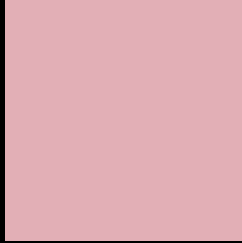
Large Text (above 18pt) WCAG AA × Fail

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 50.2061, 0.3526, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

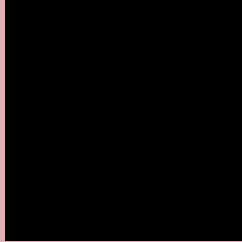
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2061, 0.3526, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 50.2061, 0.3526, 0.3210.



This preview shows how white text looks on a background with the Yxy color 50.2061, 0.3526, 0.3210.

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

50.2061, 0.3526, 0.3210

Protanopia

50.2911, 0.3145, 0.3265

Deuteranopia

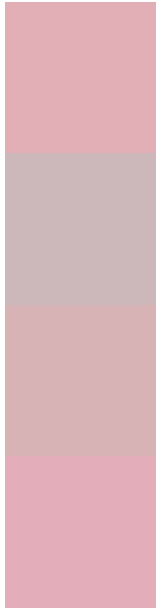
50.3474, 0.3369, 0.3303



Tritanopia

50.2338, 0.3483, 0.3131

Trichromacy



Original Color

50.2061, 0.3526, 0.3210

Protanomaly

50.2495, 0.3283, 0.3254

Deuteranomaly

50.0235, 0.3428, 0.3267

Tritanomaly

50.1482, 0.3501, 0.3153

Monochromacy



Original Color

50.2061, 0.3526, 0.3210

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1661, 0.3264, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2061, 0.3526, 0.3210 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(226, 175, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 175, 182)  
}
```

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(226, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.2061, 0.3526, 0.3210 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(226, 175, 182) }
```

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

```
.border{ border-color:rgb(226, 175, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 175, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 175, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 175,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2061, 0.3526, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 175, 182) }
```

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

```
.background{ background-color: rgb(226,  
175, 182) }
```

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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