

Converting Colors

$Yxy(50.7433, 0.3625, 0.3295)$

Have a look what the booklet for
Yxy(50.7433, 0.3625, 0.3295)
contains.

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Color

Yxy(50.5781, 0.3625, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	E6AFAF
RGB	230, 175, 175
RGB Percent	90%, 69%, 69%
CMY	0.0979, 0.3138, 0.3136
CMYK	0.00, 0.24, 0.24, 0.10
HSL	360°, 52%, 79%
HSV	360°, 24%, 90%
XYZ	55.7112, 50.5781, 47.3968
YIQ	191.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

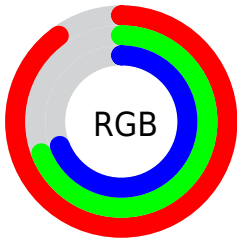
Format	Color
R _Y B	230, 175, 175
Decimal	15118255
CIE Lab	76.42, 20.07, 7.77
CIE LCh	76, 21.524, 21.175
Yxy	50.5781, 0.3625, 0.3291
Android (android.graphics.Color)	4293308335 (0xFFE6AF AF)
YUV	191.4450, -8.1074, 33.8127
Hunter-Lab	71.1183, 15.3728, 10.2690

Details

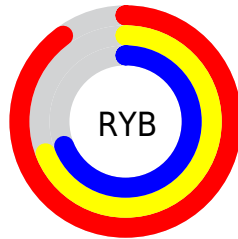
The Yxy color $50.5781, 0.3625, 0.3291$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $71.4388, 0.2775, 0.3289$, and the grayscale version is $52.4091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1250, 0.3299, 0.3300$, and $24.2334, 0.3755, 0.3277$ is the 20% darker color. If you saturate the color by 10%, you get $41.5487, 0.3925, 0.3292$, and if you desaturate by 10%, it is $61.2912, 0.3384, 0.3291$.

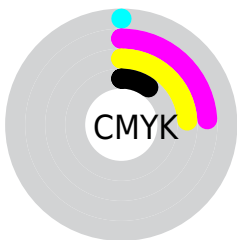
Distribution



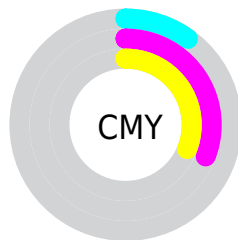
- Red (90%)
- Green (69%)
- Blue (69%)



- Red (90%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5781, 0.3625, 0.3291 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 50.5781, 0.3625, 0.3291 by changing the saturation by 10% instead.


 50.5781, 0.3625,
0.3291

 50.5781, 0.3625,
0.3291


388.9224, 0.3377,
0.3295

 35.8730, 0.3686,
0.3289


 91.0308, 0.3535,
0.3293

 24.3361, 0.3765,
0.3285


117.5472, 0.3502,
0.3294

 15.5831, 0.3868,
0.3280


148.7694, 0.3473,
0.3294

 9.2296, 0.4012,
0.3270

185.0819, 0.3449,
0.3294

 4.8913, 0.4223,
0.3251

226.8691, 0.3427,
0.3295

 2.1836, 0.4562,
0.3209

274.5153, 0.3409,

 0.7110, 0.5622,

0.3295

0.3306

328.4049, 0.3392,
0.3295

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5781, 0.3625,
0.3291

50.5781, 0.3625,
0.3291

41.5487, 0.3925,
0.3292

61.2912, 0.3384,
0.3291

34.1108, 0.4291,
0.3293

73.7599, 0.3192,
0.3290

28.1743, 0.4723,
0.3294

88.0605, 0.3038,
0.3290

23.6371, 0.5200,
0.3295

95.5688, 0.2976,
0.3290

■ 20.3847, 0.5673,
0.3297

■ 18.2841, 0.6068,
0.3298

■ 17.1739, 0.6316,
0.3299

■ 16.8291, 0.6400,
0.3299

Harmonies

Analogous

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



50.5781, 0.3399, 0.3059



50.5781, 0.3625, 0.3291



50.5781, 0.3711, 0.3533

Triad

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



50.5781, 0.3625, 0.3291



50.5781, 0.3128, 0.3745



50.5781, 0.2639, 0.2847

Complementary

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



50.5781, 0.3625, 0.3291



71.4388, 0.2775, 0.3289

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.



50.5781, 0.2576, 0.3006



50.5781, 0.3625, 0.3291



50.5781, 0.2850, 0.3535

Square

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



50.5781, 0.3625, 0.3291



50.5781, 0.3416, 0.3813



50.5781, 0.2651, 0.3257



50.5781, 0.2828, 0.2808

Rectangle

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



50.5781, 0.3625, 0.3291



50.5781, 0.3676, 0.3672



50.5781, 0.2651, 0.3257



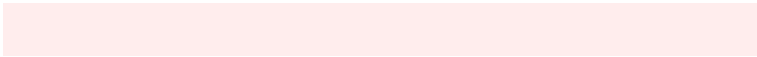
50.5781, 0.2603, 0.2887

Sweetspot

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



50.5804, 0.3625, 0.3291



88.0392, 0.3247, 0.3290



53.0480, 0.3147, 0.2694



18.6347, 0.3258, 0.3290



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.



50.5804, 0.3625, 0.3291



57.6684, 0.3774, 0.3291



61.9744, 0.3557, 0.3589



14.3682, 0.3292, 0.3290



9.5245, 0.6400, 0.3299



0.7039, 0.6398, 0.3298

Inverse Universe

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



50.5804, 0.3625, 0.3291



57.6684, 0.3774, 0.3291



57.7426, 0.2748, 0.2971



14.3682, 0.3292, 0.3290



9.5245, 0.6400, 0.3299



0.7039, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 50.5781, 0.3625, 0.3291 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 50.5781, 0.3625, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

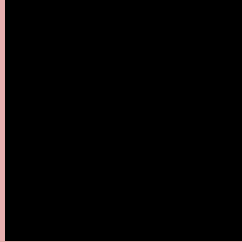
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5781, 0.3625, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 50.5781, 0.3625, 0.3291.



This preview shows how white text looks on a background with the Yxy color 50.5781, 0.3625, 0.3291.

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

50.5781, 0.3625, 0.3291

Protanopia

50.8132, 0.3224, 0.3365

Deuteranopia

50.6580, 0.3464, 0.3387



Tritanopia

50.4639, 0.3530, 0.3133

Trichromacy



Original Color

50.5781, 0.3625, 0.3291

Protanomaly

50.3870, 0.3367, 0.3339

Deuteranomaly

50.3563, 0.3524, 0.3350

Tritanomaly

50.6799, 0.3564, 0.3189

Monochromacy



Original Color

50.5781, 0.3625, 0.3291

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1798, 0.3297, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5781, 0.3625, 0.3291 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(230, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(230, 175, 175)  
}
```

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(230, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 175, 175) }
```

Border

The CSS property to change the border of an element to Yxy 50.5781, 0.3625, 0.3291 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(230, 175, 175) }
```

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

```
.border{ border-color:rgb(230, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(230, 175,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5781, 0.3625, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 175, 175) }
```

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

```
.background{ background-color: rgb(230,  
175, 175) }
```

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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