

Converting Colors

$Y_{xy}(60.1102, 0.3749, 0.3343)$

Have a look what the booklet for
Yxy(60.1102, 0.3749, 0.3343)
contains.

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Color

Yxy(60.1780, 0.3749, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBB6
RGB	255, 187, 182
RGB Percent	100%, 73%, 71%
CMY	0.0000, 0.2667, 0.2863
CMYK	0.00, 0.27, 0.29, 0.00
HSL	4°, 100%, 86%
HSV	4°, 29%, 100%
XYZ	67.4663, 60.1780, 52.3138
YIQ	206.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

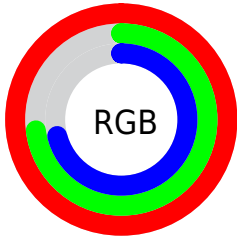
Format	Color
R _Y B	255, 187, 182
Decimal	16759734
CIE Lab	81.93, 23.89, 12.21
CIE LCh	82, 26.825, 27.073
Yxy	60.1780, 0.3749, 0.3344
Android (android.graphics.Color)	4294949814 (0xFFFFBBB6)
YUV	206.7620, -12.2077, 42.3047
Hunter-Lab	77.5745, 19.4856, 14.3188

Details

The Yxy color **60.1780, 0.3749, 0.3344** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.5438, 0.2705, 0.3235**, and the grayscale version is **62.2886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5342, 0.3236, 0.3339**, and **30.2304, 0.3916, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **49.9526, 0.4069, 0.3364**, and if you desaturate by 10%, it is **72.2506, 0.3487, 0.3324**.

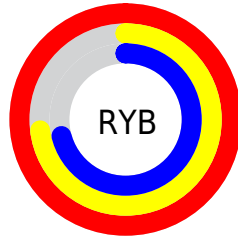
Distribution



Red (100%)

Green (73%)

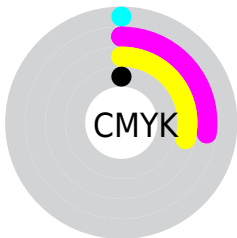
Blue (71%)



Red (100%)

Yellow (73%)

Blue (71%)

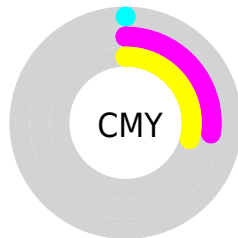


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1780, 0.3749, 0.3344 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 60.1780, 0.3749, 0.3344 by changing the saturation by 10% instead.

 60.1780, 0.3749,
0.3344

 60.1780, 0.3749,
0.3344


425.2536, 0.3448,
0.3325

 43.5621, 0.3821,
0.3347


 105.0878, 0.3642,
0.3339

 30.3264, 0.3911,
0.3349


134.1506, 0.3601,
0.3336

 20.0865, 0.4028,
0.3350


168.1311, 0.3566,
0.3334

 12.4579, 0.4186,
0.3348

207.4137, 0.3536,
0.3332

 7.0563, 0.4408,
0.3340

252.3829, 0.3510,
0.3330

 3.4974, 0.4743,
0.3315

303.4230, 0.3487,

 1.3966, 0.5355,

0.3328

0.3274

360.9184, 0.3467,
0.3327

0.2142, 0.7860,
0.2140

0.0000, 0.0000,
0.0000

60.1780, 0.3749,
0.3344

60.1780, 0.3749,
0.3344

49.9526, 0.4069,
0.3364

72.2506, 0.3487,
0.3324

41.5003, 0.4451,
0.3381

86.2746, 0.3276,
0.3305

34.7148, 0.4890,
0.3393

100.0000, 0.3127,
0.3290

29.4856, 0.5357,
0.3396

■ 25.6891, 0.5798,
0.3386

■ 23.1829, 0.6145,
0.3362

■ 21.7924, 0.6346,
0.3331

■ 21.6741, 0.6365,
0.3328

Harmonies

Analogous

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



60.1780, 0.3508, 0.3069



60.1780, 0.3749, 0.3344



60.1780, 0.3811, 0.3622

Triad

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



60.1780, 0.3749, 0.3344



60.1780, 0.3058, 0.3793



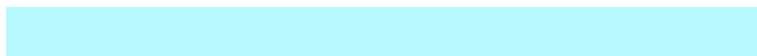
60.1780, 0.2589, 0.2751

Complementary

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



60.1780, 0.3749, 0.3344



85.5438, 0.2705, 0.3235

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.



60.1780, 0.2486, 0.2907



60.1780, 0.3749, 0.3344



60.1780, 0.2746, 0.3517

Square

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



60.1780, 0.3749, 0.3344



60.1780, 0.3401, 0.3907



60.1780, 0.2541, 0.3184



60.1780, 0.2833, 0.2736

Rectangle

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



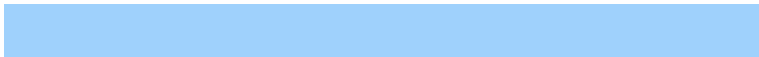
60.1780, 0.3749, 0.3344



60.1780, 0.3743, 0.3775



60.1780, 0.2541, 0.3184



60.1780, 0.2538, 0.2787

Sweetspot

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



60.1719, 0.3749, 0.3344



85.7174, 0.3283, 0.3306



61.6256, 0.3197, 0.2618



17.8861, 0.3311, 0.3309



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.



60.1719, 0.3749, 0.3344



54.4569, 0.3913, 0.3355



77.6084, 0.3644, 0.3713



18.1862, 0.3293, 0.3307



11.3984, 0.6353, 0.3338



1.1762, 0.6245, 0.3424

Inverse Universe

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



85.5438, 0.2705, 0.3235



83.3765, 0.2635, 0.3224



65.0720, 0.2661, 0.2825



20.2563, 0.2980, 0.3273



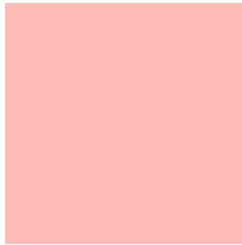
35.6865, 0.2188, 0.3075



3.5360, 0.2195, 0.3101

Previews

White Background



This preview shows how the Yxy color 60.1780, 0.3749, 0.3344 looks on a white background.

Color Contrast Check

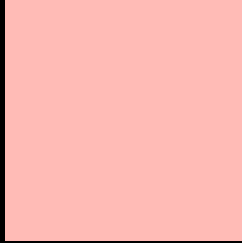
Large Text (above 18pt) WCAG AA × Fail

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 60.1780, 0.3749, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

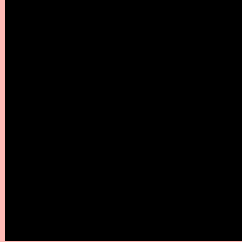
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1780, 0.3749, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 60.1780, 0.3749, 0.3344.



This preview shows how white text looks on a background with the Yxy color 60.1780, 0.3749, 0.3344.

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

60.1780, 0.3749, 0.3344

Protanopia

60.3223, 0.3277, 0.3430

Deuteranopia

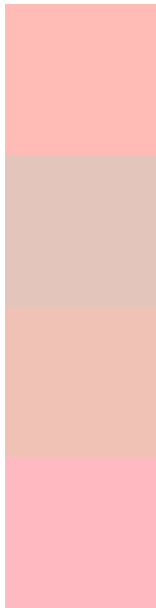
60.3836, 0.3544, 0.3481



Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

60.1780, 0.3749, 0.3344

Protanomaly

59.8942, 0.3439, 0.3392

Deuteranomaly

60.0014, 0.3613, 0.3423

Tritanomaly

60.2281, 0.3657, 0.3219

Monochromacy



Original Color

60.1780, 0.3749, 0.3344

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.2331, 0.3332, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1780, 0.3749, 0.3344 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(255, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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(255, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 182) }
```

Border

The CSS property to change the border of an element to Yxy 60.1780, 0.3749, 0.3344 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(255, 187, 182) }
```

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

```
.border{ border-color:rgb(255, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1780, 0.3749, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 182) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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