

Converting Colors

$Yxy(68.5039, 0.3356, 0.3280)$

Have a look what the booklet for
Yxy(68.5039, 0.3356, 0.3280)
contains.

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Color

Yxy(68.7793, 0.3356, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F0D1D2
RGB	240, 209, 210
RGB Percent	94%, 82%, 82%
CMY	0.0588, 0.1804, 0.1765
CMYK	0.00, 0.13, 0.13, 0.06
HSL	358°, 51%, 88%
HSV	358°, 13%, 94%
XYZ	70.3730, 68.7793, 70.5407
YIQ	218.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

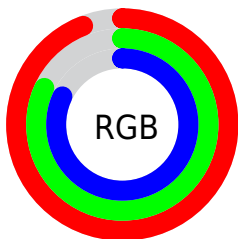
Format	Color
R _Y B	240, 209, 210
Decimal	15782354
CIE Lab	86.39, 10.98, 3.49
CIE LCh	86, 11.518, 17.614
Yxy	68.7793, 0.3356, 0.3280
Android (android.graphics.Color)	4293972434 (0xFFFF0D1D2)
YUV	218.3830, -4.1328, 18.9581
Hunter-Lab	82.9333, 6.3328, 7.6229

Details

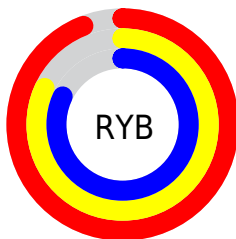
The Yxy color **68.7793, 0.3356, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1188, 0.2935, 0.3300**, and the grayscale version is **70.4118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0333, 0.3410, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **56.8037, 0.3585, 0.3272**, and if you desaturate by 10%, it is **82.7032, 0.3173, 0.3288**.

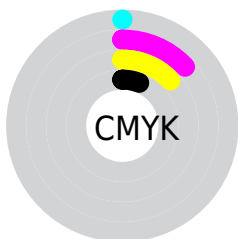
Distribution



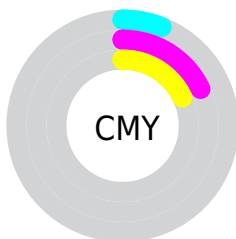
- Red (94%)
- Green (82%)
- Blue (82%)



- Red (94%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (6%)





- Cyan (6%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7793, 0.3356, 0.3280 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 68.7793, 0.3356, 0.3280 by changing the saturation by 10% instead.


 68.7793, 0.3356,
0.3280

 68.7793, 0.3356,
0.3280


456.2522, 0.3249,
0.3286

 50.5320, 0.3381,
0.3279


117.4663, 0.3318,
0.3282

 35.8363, 0.3412,
0.3277


148.6748, 0.3304,
0.3283

 24.3078, 0.3452,
0.3274


184.9724, 0.3291,
0.3284

 15.5621, 0.3504,
0.3270

226.7437, 0.3281,
0.3284

 9.2148, 0.3577,
0.3264

274.3729, 0.3271,
0.3285

 4.8816, 0.3685,
0.3255

328.2444, 0.3263,

 2.1779, 0.3860,

0.3285

0.3236

388.7427, 0.3255,
0.3285

0.7079, 0.4334,
0.3248

0.0000, 0.0000,
0.0000

68.7793, 0.3356,
0.3280

68.7793, 0.3356,
0.3280

56.8037, 0.3585,
0.3272

82.7032, 0.3173,
0.3288

46.6809, 0.3870,
0.3264

97.2684, 0.3036,
0.3290

38.3212, 0.4218,
0.3256

31.6237, 0.4632,
0.3251

■ 26.4776, 0.5096,
0.3249

■ 22.7582, 0.5569,
0.3253

■ 20.3221, 0.5983,
0.3263

■ 18.9956, 0.6267,
0.3279

■ 18.5454, 0.6376,
0.3286

Harmonies

Analogous

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



68.7793, 0.3244, 0.3164



68.7793, 0.3356, 0.3280



68.7793, 0.3406, 0.3401

Triad

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



68.7793, 0.3356, 0.3280



68.7793, 0.3148, 0.3511



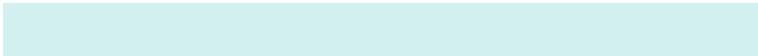
68.7793, 0.2880, 0.3082

Complementary

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



68.7793, 0.3356, 0.3280



82.1188, 0.2935, 0.3300

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.



68.7793, 0.2856, 0.3169



68.7793, 0.3356, 0.3280



68.7793, 0.3009, 0.3421

Square

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



68.7793, 0.3356, 0.3280



68.7793, 0.3284, 0.3538



68.7793, 0.2903, 0.3294



68.7793, 0.2969, 0.3051

Rectangle

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



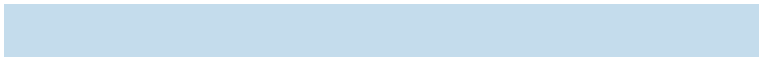
68.7793, 0.3356, 0.3280



68.7793, 0.3397, 0.3469



68.7793, 0.2903, 0.3294



68.7793, 0.2864, 0.3105

Sweetspot

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



68.7824, 0.3356, 0.3280



93.0444, 0.3191, 0.3287



70.2409, 0.3135, 0.2970



19.6443, 0.3204, 0.3286



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.



68.7824, 0.3356, 0.3280



74.3875, 0.3422, 0.3278



76.1612, 0.3343, 0.3442



15.7671, 0.3288, 0.3283



10.1540, 0.6366, 0.3281



0.8476, 0.6277, 0.3231

Inverse Universe

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



68.7824, 0.3356, 0.3280



74.3875, 0.3422, 0.3278



73.9919, 0.2926, 0.3133



15.7671, 0.3288, 0.3283



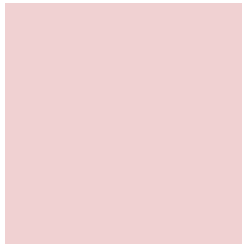
10.1540, 0.6366, 0.3281



0.8476, 0.6277, 0.3231

Previews

White Background



This preview shows how the Yxy color 68.7793, 0.3356, 0.3280 looks on a white background.

Color Contrast Check

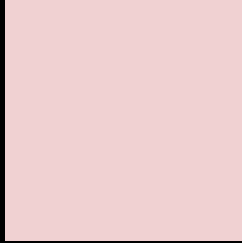
Large Text (above 18pt) WCAG AA × Fail

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 68.7793, 0.3356, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

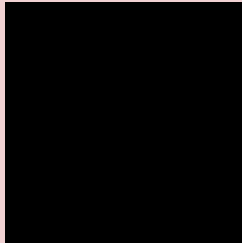
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.7793, 0.3356, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 68.7793, 0.3356, 0.3280.

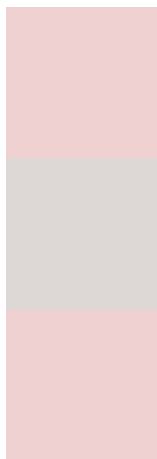


This preview shows how white text looks on a background with the Yxy color 68.7793, 0.3356, 0.3280.

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

68.7793, 0.3356, 0.3280

Protanopia

68.8281, 0.3178, 0.3301

Deuteranopia

68.7793, 0.3356, 0.3280



Tritanopia

68.8306, 0.3279, 0.3123

Trichromacy



Original Color

68.7793, 0.3356, 0.3280

Protanomaly

68.8866, 0.3238, 0.3290

Deuteranomaly

68.7793, 0.3356, 0.3280

Tritanomaly

68.8745, 0.3306, 0.3185

Monochromacy



Original Color

68.7793, 0.3356, 0.3280

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.6759, 0.3208, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7793, 0.3356, 0.3280 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(240, 209, 210)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 210)  
}
```

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(240, 209, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 210) }
```

Border

The CSS property to change the border of an element to Yxy 68.7793, 0.3356, 0.3280 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(240, 209, 210) }
```

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

```
.border{ border-color:rgb(240, 209, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 210);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7793, 0.3356, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 210) }
```

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

```
.background{ background-color: rgb(240,  
209, 210) }
```

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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