

Converting Colors

Yxy(56.2631, 0.3721, 0.3335)

Have a look what the booklet for
Yxy(56.2631, 0.3721, 0.3335)
contains.

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Color

Yxy(56.2631, 0.3721, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	F6B6B2
RGB	246, 182, 178
RGB Percent	96%, 71%, 70%
CMY	0.0352, 0.2863, 0.3020
CMYK	0.00, 0.26, 0.28, 0.04
HSL	4°, 79%, 83%
HSV	4°, 28%, 96%
XYZ	62.7751, 56.2631, 49.6667
YIQ	200.6800, 39.4280, 12.3240

Conversions

Conversions Part 2

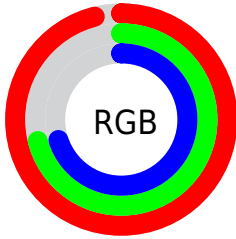
Format	Color
R _Y B	246, 182, 178
Decimal	16168626
CIE Lab	79.76, 22.66, 11.15
CIE LCh	80, 25.254, 26.206
Yxy	56.2631, 0.3721, 0.3335
Android (android.graphics.Color)	4294358706 (0xFFFF6B6B2)
YUV	200.6800, -11.1812, 39.7456
Hunter-Lab	75.0087, 18.1221, 13.2475

Details

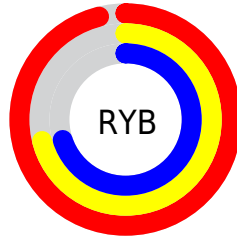
The Yxy color **56.2631, 0.3721, 0.3335** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6353, 0.2720, 0.3244**, and the grayscale version is **58.2544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3496, 0.3266, 0.3330**, and **27.8725, 0.3879, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **46.6520, 0.4036, 0.3352**, and if you desaturate by 10%, it is **67.6247, 0.3465, 0.3318**.

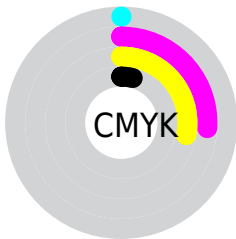
Distribution



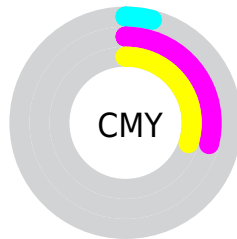
- Red (96%)
- Green (71%)
- Blue (70%)



- Red (96%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2631, 0.3721, 0.3335 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 56.2631, 0.3721, 0.3335 by changing the saturation by 10% instead.

 56.2631, 0.3721,
0.3335

 56.2631, 0.3721,
0.3335


410.6823, 0.3431,
0.3320

 40.4139, 0.3791,
0.3337


 99.3892, 0.3617,
0.3331

 27.8614, 0.3880,
0.3338


127.4348, 0.3578,
0.3329

 18.2212, 0.3997,
0.3339


160.3147, 0.3544,
0.3327

 11.1089, 0.4155,
0.3336

198.4133, 0.3515,
0.3325

 6.1401, 0.4381,
0.3326

242.1150, 0.3490,
0.3324

 2.9305, 0.4729,
0.3297

291.8041, 0.3468,

 1.0955, 0.5491,

0.3322

0.3310

347.8651, 0.3448,
0.3321

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.2631, 0.3721,
0.3335

56.2631, 0.3721,
0.3335

46.6520, 0.4036,
0.3352

67.6247, 0.3465,
0.3318

38.6969, 0.4414,
0.3368

80.8093, 0.3258,
0.3302

32.3067, 0.4850,
0.3379

95.8951, 0.3091,
0.3287

27.3780, 0.5318,
0.3382

98.3369, 0.3072,
0.3290

■ 23.7953, 0.5766,
0.3374

■ 21.4255, 0.6125,
0.3354

■ 20.1069, 0.6337,
0.3327

■ 19.9240, 0.6370,
0.3324

Harmonies

Analogous

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



56.2631, 0.3485, 0.3070



56.2631, 0.3721, 0.3335



56.2631, 0.3787, 0.3604

Triad

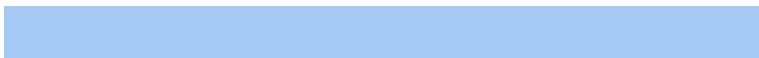
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.2631, 0.3721, 0.3335



56.2631, 0.3071, 0.3778



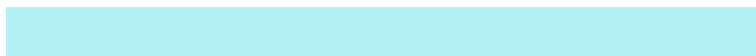
56.2631, 0.2604, 0.2773

Complementary

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



56.2631, 0.3721, 0.3335



79.6353, 0.2720, 0.3244

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.



56.2631, 0.2508, 0.2928



56.2631, 0.3721, 0.3335



56.2631, 0.2768, 0.3518

Square

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



56.2631, 0.3721, 0.3335



56.2631, 0.3400, 0.3884



56.2631, 0.2566, 0.3198



56.2631, 0.2836, 0.2754

Rectangle

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



56.2631, 0.3721, 0.3335



56.2631, 0.3725, 0.3753



56.2631, 0.2566, 0.3198



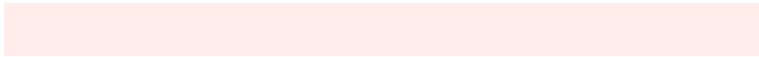
56.2631, 0.2555, 0.2810

Sweetspot

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



56.2657, 0.3721, 0.3335



87.1111, 0.3264, 0.3302



57.8835, 0.3186, 0.2632



18.1585, 0.3293, 0.3305



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.



56.2657, 0.3721, 0.3335



55.1676, 0.3884, 0.3344



71.6209, 0.3626, 0.3686



16.6389, 0.3292, 0.3305



10.6962, 0.6359, 0.3333



0.9941, 0.6255, 0.3416

Inverse Universe

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



79.6353, 0.2720, 0.3244



84.2622, 0.2649, 0.3235



61.5277, 0.2680, 0.2858



18.5809, 0.2981, 0.3275



34.2877, 0.2196, 0.3105



3.0634, 0.2203, 0.3130

Previews

White Background



This preview shows how the Yxy color 56.2631, 0.3721, 0.3335 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 56.2631, 0.3721, 0.3335 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 56.2631, 0.3721, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 56.2631, 0.3721, 0.3335.



This preview shows how white text looks on a background with the Yxy color 56.2631, 0.3721, 0.3335.

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

56.2631, 0.3721, 0.3335

Protanopia

56.3150, 0.3266, 0.3423

Deuteranopia

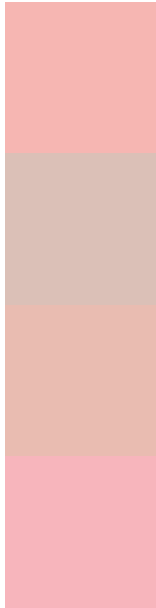
56.4037, 0.3532, 0.3463



Tritanopia

56.4492, 0.3611, 0.3153

Trichromacy



Original Color

56.2631, 0.3721, 0.3335

Protanomaly

56.1782, 0.3422, 0.3396

Deuteranomaly

56.4644, 0.3600, 0.3415

Tritanomaly

56.4527, 0.3644, 0.3216

Monochromacy



Original Color

56.2631, 0.3721, 0.3335

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.1855, 0.3322, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2631, 0.3721, 0.3335 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(246, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(246, 182, 178)  
}
```

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(246, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 182, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.2631, 0.3721, 0.3335 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(246, 182, 178) }
```

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

```
.border{ border-color:rgb(246, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(246, 182,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2631, 0.3721, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 182, 178) }
```

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

```
.background{ background-color: rgb(246,  
182, 178) }
```

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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