

Converting Colors

Yxy(53.3120, 0.3669, 0.3277)

Have a look what the booklet for
Yxy(53.3120, 0.3669, 0.3277)
contains.

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Color

Yxy(53.0497, 0.3664, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	EFB1B3
RGB	239, 177, 179
RGB Percent	94%, 69%, 70%
CMY	0.0627, 0.3059, 0.2979
CMYK	0.00, 0.26, 0.25, 0.06
HSL	358°, 66%, 82%
HSV	358°, 26%, 94%
XYZ	59.4598, 53.0497, 49.7716
YIQ	195.7660, 36.3100, 13.7660

Conversions

Conversions Part 2

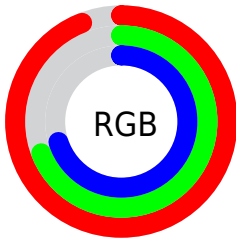
Format	Color
R _Y B	239, 177, 179
Decimal	15708595
CIE Lab	77.90, 22.87, 7.84
CIE LCh	78, 24.173, 18.922
Yxy	53.0497, 0.3664, 0.3269
Android (android.graphics.Color)	4293898675 (0xFFEFB1B3)
YUV	195.7660, -8.2656, 37.9162
Hunter-Lab	72.8352, 18.2587, 10.4691

Details

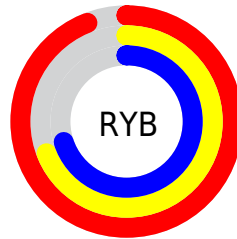
The Yxy color **53.0497, 0.3664, 0.3269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1968, 0.2758, 0.3312**, and the grayscale version is **55.0913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5360, 0.3265, 0.3271**, and **25.8667, 0.3818, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **43.5644, 0.3967, 0.3261**, and if you desaturate by 10%, it is **64.3502, 0.3420, 0.3277**.

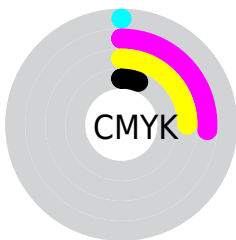
Distribution



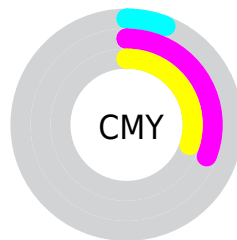
- Red (94%)
- Green (69%)
- Blue (70%)



- Red (94%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (25%)
- Black (6%)




- Cyan (6%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0497, 0.3664, 0.3269 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 53.0497, 0.3664, 0.3269 by changing the saturation by 10% instead.

 53.0497, 0.3664,
0.3269

 53.0497, 0.3664,
0.3269


398.4758, 0.3399,
0.3284

 37.8424, 0.3729,
0.3264


 94.6775, 0.3569,
0.3275

 25.8604, 0.3811,
0.3257


121.8668, 0.3533,
0.3277

 16.7193, 0.3920,
0.3247


153.8190, 0.3502,
0.3279

 10.0345, 0.4069,
0.3230

190.9183, 0.3476,
0.3280

 5.4219, 0.4286,
0.3202

233.5493, 0.3453,
0.3282

 2.4968, 0.4627,
0.3148

282.0963, 0.3433,

 0.8751, 0.5425,

0.3282

0.3128

336.9436, 0.3415,
0.3283

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0497, 0.3664,
0.3269

53.0497, 0.3664,
0.3269

43.5644, 0.3967,
0.3261

64.3502, 0.3420,
0.3277

35.7927, 0.4336,
0.3254

77.5457, 0.3224,
0.3285

29.6348, 0.4767,
0.3249

92.7202, 0.3068,
0.3293

24.9771, 0.5239,
0.3249

97.0919, 0.3029,
0.3290

■ 21.6915, 0.5702,
0.3255

■ 19.6285, 0.6084,
0.3267

■ 18.6035, 0.6320,
0.3284

■ 18.3691, 0.6376,
0.3286

Harmonies

Analogous

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



53.0497, 0.3404, 0.3019



53.0497, 0.3664, 0.3269



53.0497, 0.3773, 0.3536

Triad

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



53.0497, 0.3664, 0.3269



53.0497, 0.3152, 0.3807



53.0497, 0.2580, 0.2810

Complementary

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



53.0497, 0.3664, 0.3269



77.1968, 0.2758, 0.3312

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.



53.0497, 0.2522, 0.2992



53.0497, 0.3664, 0.3269



53.0497, 0.2841, 0.3583

Square

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



53.0497, 0.3664, 0.3269



53.0497, 0.3466, 0.3867



53.0497, 0.2615, 0.3275



53.0497, 0.2777, 0.2758

Rectangle

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



53.0497, 0.3664, 0.3269



53.0497, 0.3742, 0.3694



53.0497, 0.2615, 0.3275



53.0497, 0.2544, 0.2857

Sweetspot

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



53.0522, 0.3664, 0.3269



86.4616, 0.3261, 0.3284



55.6707, 0.3141, 0.2641



17.9967, 0.3289, 0.3283



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.



53.0522, 0.3664, 0.3269



55.5274, 0.3813, 0.3265



65.6382, 0.3603, 0.3606



15.7672, 0.3288, 0.3283



10.1542, 0.6366, 0.3281



0.8477, 0.6275, 0.3231

Inverse Universe

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



53.0522, 0.3664, 0.3269



55.5274, 0.3813, 0.3265



61.7073, 0.2716, 0.2952



15.7672, 0.3288, 0.3283



10.1542, 0.6366, 0.3281



0.8477, 0.6275, 0.3231

Previews

White Background



This preview shows how the Yxy color 53.0497, 0.3664, 0.3269 looks on a white background.

Color Contrast Check

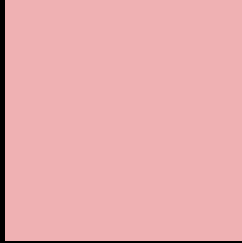
Large Text (above 18pt) WCAG AA × Fail

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 53.0497, 0.3664, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

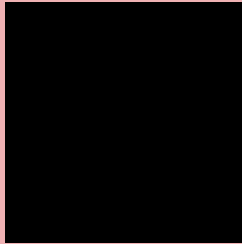
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0497, 0.3664, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 53.0497, 0.3664, 0.3269.



This preview shows how white text looks on a background with the Yxy color 53.0497, 0.3664, 0.3269.

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

53.0497, 0.3664, 0.3269

Protanopia

53.2929, 0.3214, 0.3352

Deuteranopia

53.0438, 0.3466, 0.3397



Tritanopia

52.8593, 0.3588, 0.3138

Trichromacy



Original Color

53.0497, 0.3664, 0.3269

Protanomaly

53.1475, 0.3371, 0.3326

Deuteranomaly

53.0889, 0.3534, 0.3349

Tritanomaly

53.0787, 0.3622, 0.3192

Monochromacy



Original Color

53.0497, 0.3664, 0.3269

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1099, 0.3311, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0497, 0.3664, 0.3269 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(239, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 179)  
}
```

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(239, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 179) }
```

Border

The CSS property to change the border of an element to Yxy 53.0497, 0.3664, 0.3269 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(239, 177, 179) }
```

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

```
.border{ border-color:rgb(239, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0497, 0.3664, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 177, 179) }
```

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

```
.background{ background-color: rgb(239,  
177, 179) }
```

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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