

Converting Colors

Yxy(50.2040, 0.3564, 0.3115)

Have a look what the booklet for
Yxy(50.2040, 0.3564, 0.3115)
contains.

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Color

Yxy(50.2061, 0.3562, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	EAABBB
RGB	234, 171, 187
RGB Percent	92%, 67%, 73%
CMY	0.0823, 0.3294, 0.2668
CMYK	0.00, 0.27, 0.20, 0.08
HSL	345°, 60%, 79%
HSV	345°, 27%, 92%
XYZ	57.4660, 50.2061, 53.6586
YIQ	191.6610, 32.4120, 18.3320

Conversions

Conversions Part 2

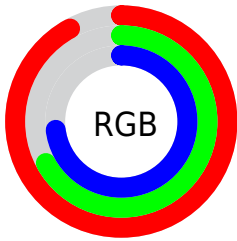
Format	Color
RYB	234, 171, 187
Decimal	15379387
CIELab	76.20, 25.40, 0.98
CIELCh	76, 25.417, 2.215
Yxy	50.2061, 0.3562, 0.3112
Android (android.graphics.Color)	4293569467 (0xFFEAABBB)
YUV	191.6610, -2.2979, 37.1313
Hunter-Lab	70.8563, 20.7689, 4.6998

Details

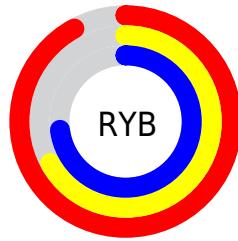
The Yxy color **50.2061, 0.3562, 0.3112** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.5787, 0.2821, 0.3477**, and the grayscale version is **52.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6692, 0.3217, 0.3133**, and **24.0252, 0.3678, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **41.4332, 0.3795, 0.3043**, and if you desaturate by 10%, it is **60.6397, 0.3371, 0.3181**.

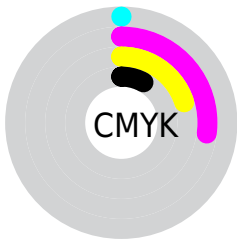
Distribution



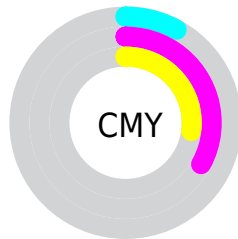
- Red (92%)
- Green (67%)
- Blue (73%)



- Red (92%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2061, 0.3562, 0.3112 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 50.2061, 0.3562, 0.3112 by changing the saturation by 10% instead.


 50.2061, 0.3562,
0.3112

 50.2061, 0.3562,
0.3112


387.4714, 0.3347,
0.3201

 35.5772, 0.3615,
0.3090


 90.4802, 0.3484,
0.3144

 24.1078, 0.3683,
0.3062


116.8941, 0.3455,
0.3156

 15.4136, 0.3772,
0.3025


148.0052, 0.3430,
0.3166

 9.1102, 0.3895,
0.2973

184.1978, 0.3409,
0.3175

 4.8131, 0.4075,
0.2897

225.8563, 0.3390,
0.3183

 2.1380, 0.4364,
0.2773

273.3652, 0.3374,

 0.6859, 0.4973,

0.3190

0.2528

327.1087, 0.3360,
0.3195

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2061, 0.3562,
0.3112

50.2061, 0.3562,
0.3112

41.4332, 0.3795,
0.3043

60.6397, 0.3371,
0.3181

34.2283, 0.4076,
0.2978

72.8065, 0.3217,
0.3247

28.5001, 0.4405,
0.2926

86.7834, 0.3091,
0.3308

24.1449, 0.4777,
0.2895

96.2355, 0.2999,
0.3290

■ 21.0458, 0.5169,
0.2898

■ 19.0656, 0.5546,
0.2942

■ 18.0294, 0.5868,
0.3026

■ 17.8145, 0.5954,
0.3054

Harmonies

Analogous

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



50.2061, 0.3229, 0.2880



50.2061, 0.3562, 0.3112



50.2061, 0.3778, 0.3394

Triad

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



50.2061, 0.3562, 0.3112



50.2061, 0.3345, 0.3905



50.2061, 0.2489, 0.2868

Complementary

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



50.2061, 0.3562, 0.3112



72.5787, 0.2821, 0.3477

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.



50.2061, 0.2517, 0.3129



50.2061, 0.3562, 0.3112



50.2061, 0.2999, 0.3758

Square

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



50.2061, 0.3562, 0.3112



50.2061, 0.3644, 0.3862



50.2061, 0.2699, 0.3462



50.2061, 0.2619, 0.2735

Rectangle

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



50.2061, 0.3562, 0.3112



50.2061, 0.3819, 0.3581



50.2061, 0.2699, 0.3462



50.2061, 0.2480, 0.2942

Sweetspot

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



50.2084, 0.3562, 0.3112



86.7255, 0.3232, 0.3240



49.8523, 0.3020, 0.2592



18.0626, 0.3254, 0.3230



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.



50.2084, 0.3562, 0.3112



55.1994, 0.3678, 0.3076



55.4296, 0.3666, 0.3457



15.1167, 0.3253, 0.3231



10.0261, 0.5916, 0.3033



0.8024, 0.5525, 0.2817

Inverse Universe

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



50.2084, 0.3562, 0.3112



55.1994, 0.3678, 0.3076



65.4269, 0.2718, 0.3116



15.1167, 0.3253, 0.3231



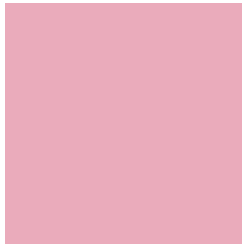
10.0261, 0.5916, 0.3033



0.8024, 0.5525, 0.2817

Previews

White Background



This preview shows how the Yxy color 50.2061, 0.3562, 0.3112 looks on a white background.

Color Contrast Check

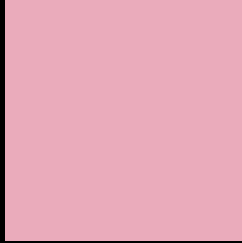
Large Text (above 18pt) WCAG AA × Fail

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 50.2061, 0.3562, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

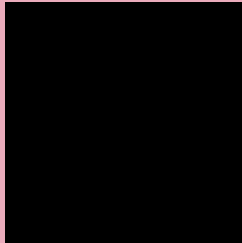
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2061, 0.3562, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 50.2061, 0.3562, 0.3112.



This preview shows how white text looks on a background with the Yxy color 50.2061, 0.3562, 0.3112.

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

50.2061, 0.3562, 0.3112

Protanopia

50.3450, 0.3075, 0.3178

Deuteranopia

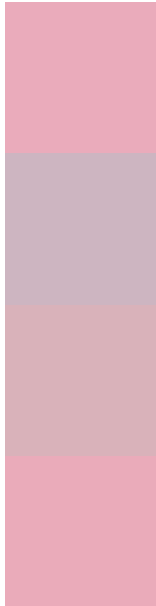
50.3686, 0.3327, 0.3254



Tritanopia

50.1210, 0.3580, 0.3134

Trichromacy



Original Color

50.2061, 0.3562, 0.3112

Protanomaly

49.8771, 0.3237, 0.3145

Deuteranomaly

50.1377, 0.3404, 0.3196

Tritanomaly

50.1634, 0.3571, 0.3123

Monochromacy



Original Color

50.2061, 0.3562, 0.3112

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.2641, 0.3275, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2061, 0.3562, 0.3112 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(234, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 187)  
}
```

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(234, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.2061, 0.3562, 0.3112 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(234, 171, 187) }
```

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

```
.border{ border-color:rgb(234, 171, 187) }
```

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

Here you see how a box with a 4 pixel rgb(234, 171, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2061, 0.3562, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 171, 187) }
```

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

```
.background{ background-color: rgb(234,  
171, 187) }
```

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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