

Converting Colors

Yxy(53.9090, 0.3625, 0.3560)

Have a look what the booklet for
Yxy(53.9090, 0.3625, 0.3560)
contains.

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Color

Yxy(53.9090, 0.3625, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	DFBBA4
RGB	223, 187, 164
RGB Percent	87%, 73%, 64%
CMY	0.1256, 0.2666, 0.3569
CMYK	0.00, 0.16, 0.26, 0.13
HSL	23°, 48%, 76%
HSV	23°, 26%, 87%
XYZ	54.8933, 53.9090, 42.6275
YIQ	195.1420, 28.8390, 0.4790

Conversions

Conversions Part 2

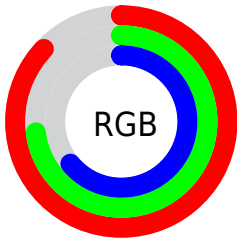
Format	Color
RYB	223, 202, 164
Decimal	14662564
CIELab	78.41, 9.45, 16.46
CIELCh	78, 18.985, 60.137
Yxy	53.9090, 0.3625, 0.3560
Android (android.graphics.Color)	4292852644 (0xFFDFBBA4)
YUV	195.1420, -15.3530, 24.4315
Hunter-Lab	73.4227, 4.9627, 16.9736

Details

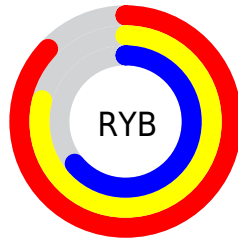
The Yxy color **53.9090, 0.3625, 0.3560** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.4935, 0.2715, 0.3003**, and the grayscale version is **54.7417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4757, 0.3356, 0.3527**, and **26.4355, 0.3761, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **47.6790, 0.3870, 0.3667**, and if you desaturate by 10%, it is **60.8308, 0.3413, 0.3454**.

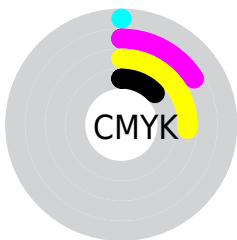
Distribution



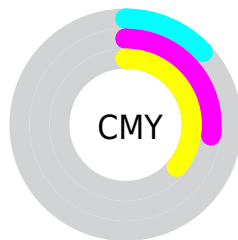
- Red (87%)
- Green (73%)
- Blue (64%)



- Red (87%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9090, 0.3625, 0.3560 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 53.9090, 0.3625, 0.3560 by changing the saturation by 10% instead.


 53.9090, 0.3625,
0.3560


 53.9090, 0.3625,
0.3560


401.7629, 0.3381,
0.3433

 38.5289, 0.3684,
0.3589


 95.9406, 0.3537,
0.3516

 26.3934, 0.3760,
0.3626


 123.3609, 0.3504,
0.3498

 17.1182, 0.3858,
0.3671


155.5635, 0.3476,
0.3484

 10.3188, 0.3992,
0.3731

192.9326, 0.3451,
0.3471

 5.6108, 0.4184,
0.3810

235.8527, 0.3430,
0.3459

 2.6099, 0.4478,
0.3914

284.7082, 0.3412,

 0.9317, 0.5516,

0.3450

0.4484

339.8835, 0.3395,
0.3441

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9090, 0.3625,
0.3560

53.9090, 0.3625,
0.3560

47.6790, 0.3870,
0.3667

60.8308, 0.3413,
0.3454

42.1110, 0.4147,
0.3770

68.4582, 0.3231,
0.3352

37.1835, 0.4453,
0.3860

76.8141, 0.3075,
0.3257

32.8713, 0.4779,
0.3925

85.9179, 0.2941,
0.3169

■ 29.1469, 0.5106,
0.3952

■ 94.3990, 0.2934,
0.3289

■ 25.9801, 0.5409,
0.3930

■ 94.4223, 0.2934,
0.3289

■ 23.3366, 0.5662,
0.3855

■ 22.5113, 0.5744,
0.3821

Harmonies

Analogous

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



53.9090, 0.3593, 0.3357



53.9090, 0.3625, 0.3560



53.9090, 0.3518, 0.3703

Triad

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



53.9090, 0.3625, 0.3560



53.9090, 0.2827, 0.3433



53.9090, 0.2935, 0.2881

Complementary

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



53.9090, 0.3625, 0.3560



54.4935, 0.2715, 0.3003

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.



53.9090, 0.2743, 0.2885



53.9090, 0.3625, 0.3560



53.9090, 0.2682, 0.3193

Square

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



53.9090, 0.3625, 0.3560



53.9090, 0.3054, 0.3637



53.9090, 0.2652, 0.2994



53.9090, 0.3186, 0.2976

Rectangle

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



53.9090, 0.3625, 0.3560



53.9090, 0.3386, 0.3739



53.9090, 0.2652, 0.2994



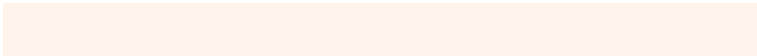
53.9090, 0.2862, 0.2870

Sweetspot

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



53.9115, 0.3625, 0.3560



91.0775, 0.3258, 0.3368



46.4154, 0.3353, 0.2873



19.1505, 0.3285, 0.3383



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.



53.9115, 0.3625, 0.3560



68.0839, 0.3762, 0.3622



67.5167, 0.3544, 0.3878



14.5741, 0.3282, 0.3382



13.4457, 0.5717, 0.3843



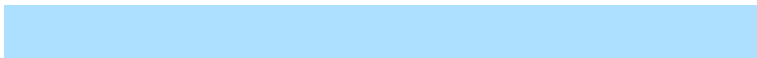
1.1025, 0.5432, 0.4069

Inverse Universe

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



54.4935, 0.2715, 0.3003



68.9955, 0.2624, 0.2930



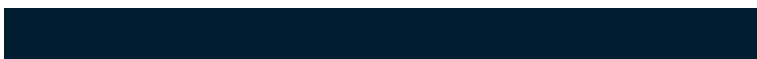
42.2928, 0.2679, 0.2625



14.6266, 0.2981, 0.3196



13.6967, 0.1878, 0.1962



1.1220, 0.1941, 0.2189

Previews

White Background



This preview shows how the Yxy color 53.9090, 0.3625, 0.3560 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 53.9090, 0.3625, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

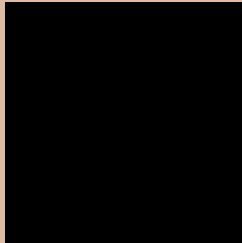
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9090, 0.3625, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 53.9090, 0.3625, 0.3560.



This preview shows how white text looks on a background with the Yxy color 53.9090, 0.3625, 0.3560.

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

53.9090, 0.3625, 0.3560

Protanopia

54.2110, 0.3418, 0.3621

Deuteranopia

54.0683, 0.3634, 0.3559



Tritanopia

53.7723, 0.3400, 0.3132

Trichromacy



Original Color

53.9090, 0.3625, 0.3560

Protanomaly

53.8637, 0.3493, 0.3592

Deuteranomaly

54.0683, 0.3634, 0.3559

Tritanomaly

53.9104, 0.3489, 0.3291

Monochromacy



Original Color

53.9090, 0.3625, 0.3560

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1391, 0.3296, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9090, 0.3625, 0.3560 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(223, 187, 164)` looks like.

```
.text, #text, p{  
    color:rgb(223, 187, 164)  
}
```

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(223, 187, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 187, 164) }
```

Border

The CSS property to change the border of an element to Yxy 53.9090, 0.3625, 0.3560 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(223, 187, 164) }
```

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

```
.border{ border-color:rgb(223, 187, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 187, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 187, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 187, 164);  
box-shadow:4px 4px 4px 4px rgb(223, 187,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9090, 0.3625, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 187, 164) }
```

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

```
.background{ background-color: rgb(223,  
187, 164) }
```

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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