

Converting Colors

$Yxy(52.9826, 0.3709, 0.3529)$

Have a look what the booklet for
Yxy(52.9826, 0.3709, 0.3529)
contains.

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Color

Yxy(53.1336, 0.3708, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	E5B7A2
RGB	229, 183, 162
RGB Percent	90%, 72%, 64%
CMY	0.1020, 0.2823, 0.3647
CMYK	0.00, 0.20, 0.29, 0.10
HSL	19°, 56%, 77%
HSV	19°, 29%, 90%
XYZ	55.7655, 53.1336, 41.4932
YIQ	194.3600, 34.1570, 3.2210

Conversions

Conversions Part 2

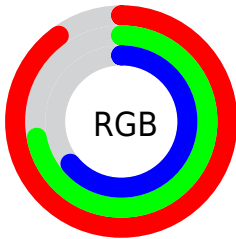
Format	Color
R _Y B	229, 193, 162
Decimal	15054754
CIE Lab	77.95, 13.61, 16.99
CIE LCh	78, 21.766, 51.307
Yxy	53.1336, 0.3708, 0.3533
Android (android.graphics.Color)	4293244834 (0xFFE5B7A2)
YUV	194.3600, -15.9535, 30.3793
Hunter-Lab	72.8928, 8.9962, 17.2749

Details

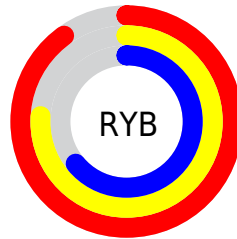
The Yxy color **53.1336, 0.3708, 0.3533** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.4349, 0.2677, 0.3032**, and the grayscale version is **54.2549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0028, 0.3374, 0.3509**, and **25.8617, 0.3865, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **46.2690, 0.3978, 0.3620**, and if you desaturate by 10%, it is **60.8753, 0.3477, 0.3446**.

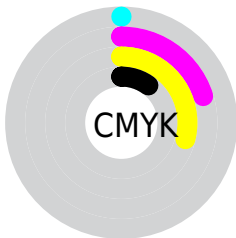
Distribution



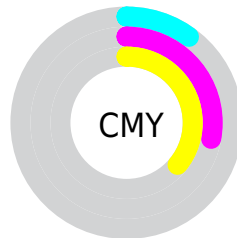
- Red (90%)
- Green (72%)
- Blue (64%)



- Red (90%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1336, 0.3708, 0.3533 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 53.1336, 0.3708, 0.3533 by changing the saturation by 10% instead.


 53.1336, 0.3708,
0.3533

 53.1336, 0.3708,
0.3533


398.7975, 0.3422,
0.3421

 37.9094, 0.3778,
0.3558


 94.8009, 0.3605,
0.3494

 25.9124, 0.3867,
0.3589


 122.0129, 0.3566,
0.3479

 16.7581, 0.3983,
0.3627


153.9896, 0.3533,
0.3466

 10.0622, 0.4142,
0.3674

191.1153, 0.3504,
0.3455

 5.4402, 0.4369,
0.3733

233.7746, 0.3480,
0.3445

 2.5078, 0.4718,
0.3802

282.3518, 0.3458,

 0.8805, 0.5795,

0.3436

0.4205

337.2313, 0.3439,
0.3428

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1336, 0.3708,
0.3533

53.1336, 0.3708,
0.3533

46.2690, 0.3978,
0.3620

60.8753, 0.3477,
0.3446

40.2424, 0.4288,
0.3700

69.5166, 0.3281,
0.3363

35.0224, 0.4632,
0.3765

79.0887, 0.3116,
0.3284

30.5728, 0.4997,
0.3804

89.6188, 0.2977,
0.3212

■ 26.8543, 0.5357,
0.3803

■ 95.3968, 0.2970,
0.3290

■ 23.8233, 0.5679,
0.3755

■ 21.4261, 0.5934,
0.3664

■ 21.2710, 0.5951,
0.3657

Harmonies

Analogous

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



53.1336, 0.3623, 0.3292



53.1336, 0.3708, 0.3533



53.1336, 0.3628, 0.3726

Triad

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



53.1336, 0.3708, 0.3533



53.1336, 0.2850, 0.3533



53.1336, 0.2831, 0.2810

Complementary

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



53.1336, 0.3708, 0.3533



58.4349, 0.2677, 0.3032

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.



53.1336, 0.2642, 0.2849



53.1336, 0.3708, 0.3533



53.1336, 0.2653, 0.3256

Square

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



53.1336, 0.3708, 0.3533



53.1336, 0.3127, 0.3742



53.1336, 0.2579, 0.3006



53.1336, 0.3106, 0.2888

Rectangle

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



53.1336, 0.3708, 0.3533



53.1336, 0.3496, 0.3797



53.1336, 0.2579, 0.3006



53.1336, 0.2756, 0.2810

Sweetspot

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



53.1361, 0.3708, 0.3533



88.9686, 0.3277, 0.3361



47.0916, 0.3333, 0.2767



18.6809, 0.3304, 0.3373



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.



53.1361, 0.3708, 0.3533



62.4765, 0.3864, 0.3585



68.1679, 0.3607, 0.3885



15.1021, 0.3285, 0.3364



12.3526, 0.5923, 0.3679



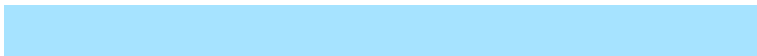
1.0744, 0.5637, 0.3906

Inverse Universe

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



58.4349, 0.2677, 0.3032



70.2381, 0.2589, 0.2972



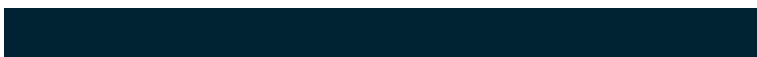
44.1488, 0.2632, 0.2614



15.5335, 0.2981, 0.3215



17.2766, 0.1954, 0.2235



1.4411, 0.2002, 0.2407

Previews

White Background



This preview shows how the Yxy color 53.1336, 0.3708, 0.3533 looks on a white background.

Color Contrast Check

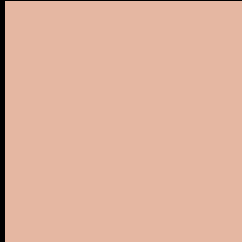
Large Text (above 18pt) WCAG AA × Fail

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 53.1336, 0.3708, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

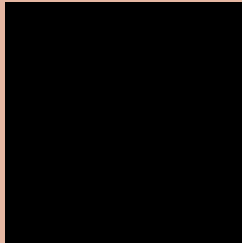
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1336, 0.3708, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 53.1336, 0.3708, 0.3533.



This preview shows how white text looks on a background with the Yxy color 53.1336, 0.3708, 0.3533.

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

53.1336, 0.3708, 0.3533

Protanopia

53.0459, 0.3405, 0.3599

Deuteranopia

53.3790, 0.3654, 0.3584



Tritanopia

53.2018, 0.3483, 0.3145

Trichromacy



Original Color

53.1336, 0.3708, 0.3533

Protanomaly

53.1089, 0.3515, 0.3580

Deuteranomaly

53.2787, 0.3675, 0.3570

Tritanomaly

52.9676, 0.3568, 0.3280

Monochromacy



Original Color

53.1336, 0.3708, 0.3533

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4697, 0.3331, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1336, 0.3708, 0.3533 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(229, 183, 162)` looks like.

```
.text, #text, p{  
    color:rgb(229, 183, 162)  
}
```

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(229, 183, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 183, 162) }
```

Border

The CSS property to change the border of an element to Yxy 53.1336, 0.3708, 0.3533 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(229, 183, 162) }
```

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

```
.border{ border-color:rgb(229, 183, 162) }
```

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

Here you see how a box with a 4 pixel rgb(229, 183, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 183, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 183, 162);  
box-shadow:4px 4px 4px 4px rgb(229, 183,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1336, 0.3708, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 183, 162) }
```

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

```
.background{ background-color: rgb(229,  
183, 162) }
```

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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