

Converting Colors

$Yxy(45.9504, 0.3748, 0.3347)$

Have a look what the booklet for
Yxy(45.9504, 0.3748, 0.3347)
contains.

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Color

Yxy(46.0144, 0.3745, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	E2A6A1
RGB	226, 166, 161
RGB Percent	89%, 65%, 63%
CMY	0.1136, 0.3490, 0.3685
CMYK	0.00, 0.27, 0.29, 0.11
HSL	5°, 53%, 76%
HSV	5°, 29%, 89%
XYZ	51.4400, 46.0144, 39.9020
YIQ	183.3700, 37.3650, 11.1650

Conversions

Conversions Part 2

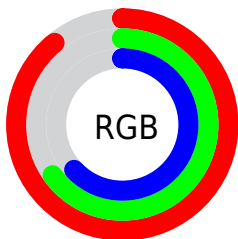
Format	Color
R _Y B	226, 166, 161
Decimal	14853793
CIE Lab	73.55, 21.45, 11.28
CIE LCh	74, 24.239, 27.740
Yxy	46.0144, 0.3745, 0.3350
Android (android.graphics.Color)	4293043873 (0xFFE2A6A1)
YUV	183.3700, -11.0284, 37.3865
Hunter-Lab	67.8339, 16.6512, 12.6075

Details

The Yxy color **46.0144, 0.3745, 0.3350** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.8150, 0.2705, 0.3229**, and the grayscale version is **47.6165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9308, 0.3408, 0.3341**, and **21.5954, 0.3913, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **38.3064, 0.4061, 0.3372**, and if you desaturate by 10%, it is **55.1027, 0.3487, 0.3328**.

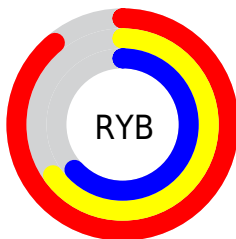
Distribution



Red (89%)

Green (65%)

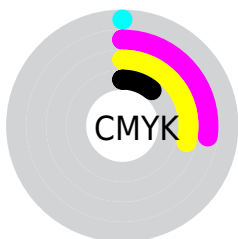
Blue (63%)



Red (89%)

Yellow (65%)

Blue (63%)

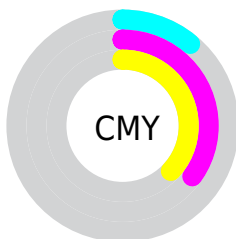


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0144, 0.3745, 0.3350 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 46.0144, 0.3745, 0.3350 by changing the saturation by 10% instead.


 46.0144, 0.3745,
0.3350


 46.0144, 0.3745,
0.3350


370.8665, 0.3432,
0.3327

 32.2572, 0.3824,
0.3354


 84.2405, 0.3631,
0.3343

 21.5580, 0.3926,
0.3357

 109.4783, 0.3588,
0.3340

 13.5325, 0.4062,
0.3359


139.3116, 0.3552,
0.3337

 7.7962, 0.4252,
0.3357

174.1250, 0.3521,
0.3335

 3.9648, 0.4537,
0.3345

214.3028, 0.3494,
0.3333

 1.6539, 0.5008,
0.3304

260.2294, 0.3471,

 0.3935, 0.6955,

0.3331

312.2891, 0.3451,
0.3329

0.3045

0.0000, 0.0000,
0.0000

46.0144, 0.3745,
0.3350

46.0144, 0.3745,
0.3350

38.3064, 0.4061,
0.3372

55.1027, 0.3487,
0.3328

31.9051, 0.4438,
0.3391

65.6274, 0.3277,
0.3307

26.7400, 0.4869,
0.3405

77.6492, 0.3108,
0.3288

22.7311, 0.5330,
0.3408

91.2237, 0.2971,
0.3270

19.7892, 0.5770,
0.3398

94.9120, 0.2952,
0.3289

■ 17.8120, 0.6121,
0.3372

■ 16.6737, 0.6334,
0.3339

■ 16.5811, 0.6354,
0.3337

Harmonies

Analogous

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



46.0144, 0.3510, 0.3077



46.0144, 0.3745, 0.3350



46.0144, 0.3802, 0.3624

Triad

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



46.0144, 0.3745, 0.3350



46.0144, 0.3052, 0.3782



46.0144, 0.2600, 0.2755

Complementary

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



46.0144, 0.3745, 0.3350



64.8150, 0.2705, 0.3229

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.



46.0144, 0.2494, 0.2906



46.0144, 0.3745, 0.3350



46.0144, 0.2745, 0.3507

Square

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



46.0144, 0.3745, 0.3350



46.0144, 0.3390, 0.3899



46.0144, 0.2545, 0.3179



46.0144, 0.2843, 0.2744

Rectangle

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



46.0144, 0.3745, 0.3350



46.0144, 0.3733, 0.3774



46.0144, 0.2545, 0.3179



46.0144, 0.2548, 0.2790

Sweetspot

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



46.0166, 0.3745, 0.3350



85.8225, 0.3283, 0.3308



46.9295, 0.3197, 0.2620



17.9117, 0.3311, 0.3311



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.



46.0166, 0.3745, 0.3350



53.7253, 0.3943, 0.3364



59.0695, 0.3643, 0.3712



13.8678, 0.3290, 0.3309



9.5235, 0.6341, 0.3347



0.7197, 0.6181, 0.3474

Inverse Universe

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



64.8150, 0.2705, 0.3229



82.5475, 0.2622, 0.3213



49.5504, 0.2663, 0.2827



15.3837, 0.2982, 0.3271



29.1537, 0.2181, 0.3050



2.0748, 0.2192, 0.3090

Previews

White Background



This preview shows how the Yxy color 46.0144, 0.3745, 0.3350 looks on a white background.

Color Contrast Check

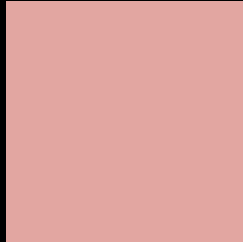
Large Text (above 18pt) WCAG AA × Fail

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 46.0144, 0.3745, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

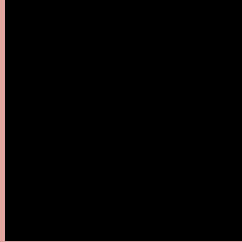
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0144, 0.3745, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 46.0144, 0.3745, 0.3350.



This preview shows how white text looks on a background with the Yxy color 46.0144, 0.3745, 0.3350.

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

46.0144, 0.3745, 0.3350

Protanopia

46.0719, 0.3278, 0.3434

Deuteranopia

45.8971, 0.3551, 0.3479



Tritanopia

46.1795, 0.3626, 0.3153

Trichromacy



Original Color

46.0144, 0.3745, 0.3350

Protanomaly

45.8306, 0.3440, 0.3405

Deuteranomaly

45.8100, 0.3616, 0.3426

Tritanomaly

46.1814, 0.3661, 0.3222

Monochromacy



Original Color

46.0144, 0.3745, 0.3350

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.6815, 0.3339, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0144, 0.3745, 0.3350 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(226, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(226, 166, 161)  
}
```

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(226, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 166, 161) }
```

Border

The CSS property to change the border of an element to Yxy 46.0144, 0.3745, 0.3350 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(226, 166, 161) }
```

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

```
.border{ border-color:rgb(226, 166, 161) }
```

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

Here you see how a box with a 4 pixel rgb(226, 166, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 166, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 166, 161);  
box-shadow:4px 4px 4px 4px rgb(226, 166,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0144, 0.3745, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 166, 161) }
```

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

```
.background{ background-color: rgb(226,  
166, 161) }
```

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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