

Converting Colors

$Y_{xy}(21.3716, 0.4133, 0.3339)$

Have a look what the booklet for
Yxy(21.3716, 0.4133, 0.3339)
contains.

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Color

Yxy(21.3288, 0.4146, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	B36C69
RGB	179, 108, 105
RGB Percent	70%, 42%, 41%
CMY	0.2981, 0.5764, 0.5882
CMYK	0.00, 0.40, 0.41, 0.30
HSL	2°, 33%, 56%
HSV	2°, 41%, 70%
XYZ	26.4996, 21.3288, 16.0877
YIQ	128.8870, 43.2790, 14.1190

Conversions

Conversions Part 2

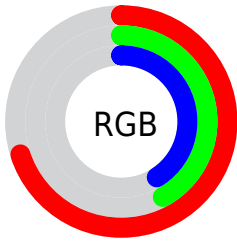
Format	Color
R _Y B	179, 108, 105
Decimal	11758697
CIE Lab	53.31, 27.90, 13.76
CIE LCh	53, 31.112, 26.256
Yxy	21.3288, 0.4146, 0.3337
Android (android.graphics.Color)	4289948777 (0xFFB36C69)
YUV	128.8870, -11.7763, 43.9491
Hunter-Lab	46.1831, 21.6019, 11.6748

Details

The Yxy color **21.3288, 0.4146, 0.3337** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.2984, 0.2562, 0.3242**, and the grayscale version is **21.9432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5464, 0.3920, 0.3338**, and **7.7185, 0.4568, 0.3314** is the 20% darker color. If you saturate the color by 10%, you get **17.7269, 0.4539, 0.3347**, and if you desaturate by 10%, it is **25.7236, 0.3815, 0.3325**.

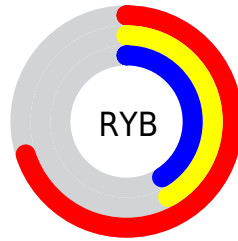
Distribution



Red (70%)

Green (42%)

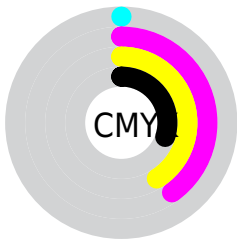
Blue (41%)



Red (70%)

Yellow (42%)

Blue (41%)

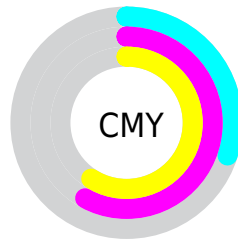


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (30%)



Cyan (30%)


Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.3288, 0.4146, 0.3337 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 21.3288, 0.4146, 0.3337 by changing the saturation by 10% instead.


 21.3288, 0.4146,
0.3337

 21.3288, 0.4146,
0.3337


259.0208, 0.3565,
0.3329


 13.3646, 0.4319,
0.3330


 45.6341, 0.3915,
0.3339


 7.6801, 0.4561,
0.3314


 62.7440, 0.3835,
0.3338

 3.8909, 0.4919,
0.3276

 83.6711, 0.3769,
0.3337

 1.6127, 0.5530,
0.3197

 108.8000, 0.3715,
0.3335

 0.3662, 0.7402,
0.2598

138.5151, 0.3668,
0.3334

 0.0000, 0.0000,
0.0000

173.2006, 0.3629,

0.3332

213.2410, 0.3595,
0.3330

■ 21.3288, 0.4146,
0.3337

■ 21.3288, 0.4146,
0.3337

■ 17.7269, 0.4539,
0.3347

■ 25.7236, 0.3815,
0.3325

■ 14.8677, 0.4984,
0.3354

■ 30.9512, 0.3544,
0.3313

■ 12.7004, 0.5448,
0.3354


■ 37.0527, 0.3325,
0.3302


■ 11.1663, 0.5876,
0.3347


■ 44.0654, 0.3148,
0.3291

■ 10.1972, 0.6197,
0.3332

■ 52.0247, 0.3005,
0.3282

 9.7390, 0.6370,
0.3324

 60.9639, 0.2890,
0.3273

 70.9147, 0.2795,
0.3265

 81.9075, 0.2718,
0.3258

 88.3212, 0.2696,
0.3289

Harmonies

Analogous

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



21.3288, 0.3734, 0.2921



21.3288, 0.4146, 0.3337



21.3288, 0.4248, 0.3775

Triad

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



21.3288, 0.4146, 0.3337



21.3288, 0.3011, 0.4157



21.3288, 0.2267, 0.2434

Complementary

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



21.3288, 0.4146, 0.3337



37.2984, 0.2562, 0.3242

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.



21.3288, 0.2117, 0.2663



21.3288, 0.4146, 0.3337



21.3288, 0.2516, 0.3679

Square

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



21.3288, 0.4146, 0.3337



21.3288, 0.3563, 0.4319



21.3288, 0.2201, 0.3107



21.3288, 0.2633, 0.2420

Rectangle

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



21.3288, 0.4146, 0.3337



21.3288, 0.4129, 0.4037



21.3288, 0.2201, 0.3107



21.3288, 0.2191, 0.2486

Sweetspot

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



21.3299, 0.4146, 0.3337



65.3567, 0.3342, 0.3303



22.8416, 0.3202, 0.2320



14.1535, 0.3368, 0.3304



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.3299, 0.4146, 0.3337



32.0368, 0.4519, 0.3347



30.6877, 0.3921, 0.3859



8.5588, 0.3286, 0.3300



6.9072, 0.6364, 0.3329



0.2356, 0.6214, 0.3448

Inverse Universe

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



37.2984, 0.2562, 0.3242



64.6665, 0.2464, 0.3229



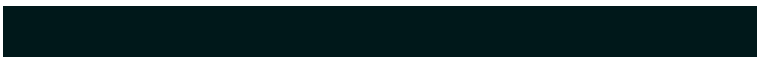
24.8768, 0.2466, 0.2636



9.5712, 0.2986, 0.3280



23.1006, 0.2212, 0.3165



0.7449, 0.2223, 0.3201

Previews

White Background



This preview shows how the Yxy color 21.3288, 0.4146, 0.3337 looks on a white background.

Color Contrast Check

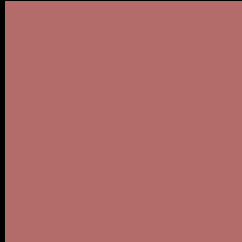
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3288, 0.4146, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

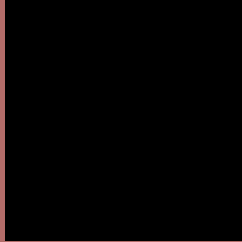
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.3288, 0.4146, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 21.3288, 0.4146, 0.3337.



This preview shows how white text looks on a background with the Yxy color 21.3288, 0.4146, 0.3337.

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

21.3288, 0.4146, 0.3337

Protanopia

21.4031, 0.3335, 0.3507

Deuteranopia

21.5148, 0.3710, 0.3649



Tritanopia

21.4336, 0.4037, 0.3191

Trichromacy



Original Color

21.3288, 0.4146, 0.3337

Protanomaly

21.0647, 0.3624, 0.3444

Deuteranomaly

21.4097, 0.3868, 0.3535

Tritanomaly

21.3664, 0.4080, 0.3234

Monochromacy



Original Color

21.3288, 0.4146, 0.3337

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2339, 0.3468, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3288, 0.4146, 0.3337 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(179, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(179, 108, 105)  
}
```

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(179, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 108, 105) }
```

Border

The CSS property to change the border of an element to Yxy 21.3288, 0.4146, 0.3337 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(179, 108, 105) }
```

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

```
.border{ border-color:rgb(179, 108, 105) }
```

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

Here you see how a box with a 4 pixel rgb(179, 108, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(179, 108,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3288, 0.4146, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 108, 105) }
```

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

```
.background{ background-color: rgb(179,  
108, 105) }
```

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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