

Converting Colors

$Yxy(46.1683, 0.3528, 0.3390)$

Have a look what the booklet for
Yxy(46.1683, 0.3528, 0.3390)
contains.

Yxy(46.1591, 0.3527, 0.3390)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.1591, 0.3527, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	D1ADA5
RGB	209, 173, 165
RGB Percent	82%, 68%, 65%
CMY	0.1805, 0.3215, 0.3529
CMYK	0.00, 0.17, 0.21, 0.18
HSL	11°, 32%, 73%
HSV	11°, 21%, 82%
XYZ	48.0245, 46.1591, 41.9789
YIQ	182.8520, 24.0240, 5.1440

Conversions

Conversions Part 2

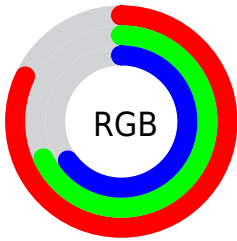
Format	Color
R _Y B	209, 175, 165
Decimal	13741477
CIE Lab	73.65, 11.82, 9.00
CIE LCh	74, 14.861, 37.287
Yxy	46.1591, 0.3527, 0.3390
Android (android.graphics.Color)	4291931557 (0xFFD1ADA5)
YUV	182.8520, -8.8010, 22.9318
Hunter-Lab	67.9405, 7.2790, 10.9244

Details

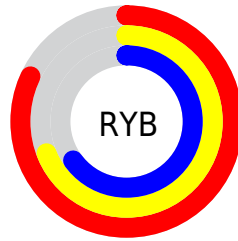
The Yxy color **46.1591, 0.3527, 0.3390** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.3603, 0.2809, 0.3188**, and the grayscale version is **47.3080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9141, 0.3370, 0.3371**, and **21.7370, 0.3646, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **39.3196, 0.3781, 0.3441**, and if you desaturate by 10%, it is **53.9657, 0.3317, 0.3341**.

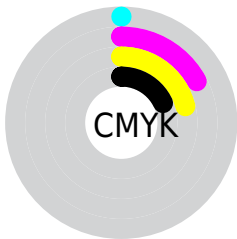
Distribution



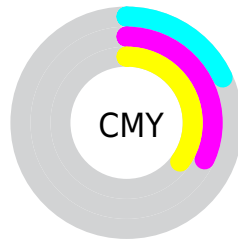
- Red (82%)
- Green (68%)
- Blue (65%)



- Red (82%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1591, 0.3527, 0.3390 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 46.1591, 0.3527, 0.3390 by changing the saturation by 10% instead.


 46.1591, 0.3527,
0.3390


 46.1591, 0.3527,
0.3390


371.4479, 0.3325,
0.3343

 32.3714, 0.3578,
0.3401


 84.4571, 0.3453,
0.3374

 21.6453, 0.3644,
0.3414


 109.7361, 0.3426,
0.3367

 13.5965, 0.3732,
0.3431


139.6143, 0.3402,
0.3362

 7.8406, 0.3855,
0.3452

174.4762, 0.3383,
0.3357

 3.9931, 0.4041,
0.3479

214.7061, 0.3365,
0.3353

 1.6697, 0.4351,
0.3511

260.6885, 0.3350,

 0.4039, 0.6248,

0.3349

0.3752

312.8076, 0.3337,
0.3346

0.0000, 0.0000,
0.0000

46.1591, 0.3527,
0.3390

46.1591, 0.3527,
0.3390

39.3196, 0.3781,
0.3441

53.9657, 0.3317,
0.3341

33.4033, 0.4085,
0.3491

62.7686, 0.3143,
0.3295

28.3723, 0.4440,
0.3535

72.6036, 0.3000,
0.3252

24.1835, 0.4839,
0.3567

83.5027, 0.2882,
0.3213

20.7901, 0.5261,
0.3578

92.2915, 0.2855,
0.3289

■ 18.1408, 0.5666,
0.3559

■ 16.1779, 0.6002,
0.3506

■ 14.9414, 0.6219,
0.3444

Harmonies

Analogous

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



46.1591, 0.3416, 0.3212



46.1591, 0.3527, 0.3390



46.1591, 0.3526, 0.3549

Triad

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



46.1591, 0.3527, 0.3390



46.1591, 0.3019, 0.3540



46.1591, 0.2840, 0.2945

Complementary

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



46.1591, 0.3527, 0.3390



54.3603, 0.2809, 0.3188

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.



46.1591, 0.2742, 0.3018



46.1591, 0.3527, 0.3390



46.1591, 0.2843, 0.3361

Square

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



46.1591, 0.3527, 0.3390



46.1591, 0.3228, 0.3645



46.1591, 0.2743, 0.3168



46.1591, 0.3016, 0.2961

Rectangle

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



46.1591, 0.3527, 0.3390



46.1591, 0.3463, 0.3623



46.1591, 0.2743, 0.3168



46.1591, 0.2798, 0.2960

Sweetspot

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



46.1612, 0.3527, 0.3390



91.3276, 0.3226, 0.3317



44.7122, 0.3214, 0.2853



19.3534, 0.3238, 0.3320



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.



46.1612, 0.3527, 0.3390



67.6782, 0.3629, 0.3412



54.9940, 0.3476, 0.3645



12.1515, 0.3286, 0.3333



9.3196, 0.6198, 0.3460



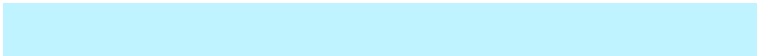
0.6286, 0.5858, 0.3730

Inverse Universe

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



54.3603, 0.2809, 0.3188



82.6639, 0.2747, 0.3165



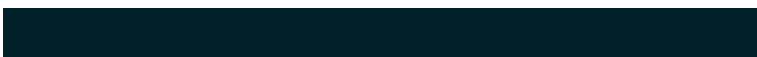
45.1091, 0.2790, 0.2908



13.0256, 0.2983, 0.3247



20.9152, 0.2084, 0.2701



1.2671, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 46.1591, 0.3527, 0.3390 looks on a white background.

Color Contrast Check

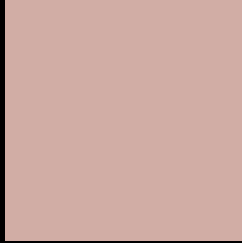
Large Text (above 18pt) WCAG AA × Fail

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 46.1591, 0.3527, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

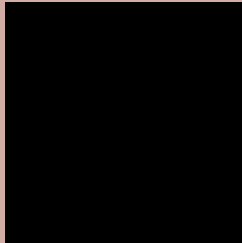
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1591, 0.3527, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 46.1591, 0.3527, 0.3390.



This preview shows how white text looks on a background with the Yxy color 46.1591, 0.3527, 0.3390.

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

46.1591, 0.3527, 0.3390

Protanopia

46.0719, 0.3278, 0.3434

Deuteranopia

46.3557, 0.3485, 0.3416



Tritanopia

46.0172, 0.3390, 0.3133

Trichromacy



Original Color

46.1591, 0.3527, 0.3390

Protanomaly

45.8735, 0.3363, 0.3406

Deuteranomaly

46.1105, 0.3497, 0.3403

Tritanomaly

45.9620, 0.3442, 0.3230

Monochromacy



Original Color

46.1591, 0.3527, 0.3390

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.5813, 0.3265, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1591, 0.3527, 0.3390 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(209, 173, 165)` looks like.

```
.text, #text, p{  
    color:rgb(209, 173, 165)  
}
```

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(209, 173, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 173, 165) }
```

Border

The CSS property to change the border of an element to Yxy 46.1591, 0.3527, 0.3390 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(209, 173, 165) }
```

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

```
.border{ border-color:rgb(209, 173, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 173, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 173, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 173, 165);  
box-shadow:4px 4px 4px 4px rgb(209, 173,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1591, 0.3527, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 173, 165) }
```

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

```
.background{ background-color: rgb(209,  
173, 165) }
```

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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