

Converting Colors

$Y_{xy}(36.0029, 0.3521, 0.3225)$

Have a look what the booklet for
Yxy(36.0029, 0.3521, 0.3225)
contains.

Yxy(36.0029, 0.3521, 0.3225)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.0029, 0.3521, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C2979C
RGB	194, 151, 156
RGB Percent	76%, 59%, 61%
CMY	0.2394, 0.4078, 0.3883
CMYK	0.00, 0.22, 0.20, 0.24
HSL	353°, 26%, 68%
HSV	353°, 22%, 76%
XYZ	39.3074, 36.0029, 36.3266
YIQ	164.4270, 24.0230, 10.6710

Conversions

Conversions Part 2

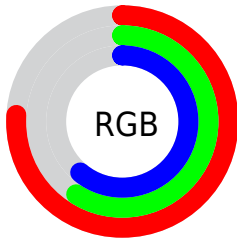
Format	Color
RYB	194, 151, 156
Decimal	12752796
CIELab	66.52, 16.82, 3.57
CIElCh	67, 17.194, 11.970
Yxy	36.0029, 0.3521, 0.3225
Android (android.graphics.Color)	4290942876 (0xFFC2979C)
YUV	164.4270, -4.1545, 25.9355
Hunter-Lab	60.0024, 11.9304, 6.1064

Details

The Yxy color $36.0029, 0.3521, 0.3225$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $48.8210, 0.2835, 0.3357$, and the grayscale version is $37.3496, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.8250, 0.3447, 0.3239$, and $15.7097, 0.3651, 0.3201$ is the 20% darker color. If you saturate the color by 10%, you get $29.7249, 0.3770, 0.3194$, and if you desaturate by 10%, it is $43.3933, 0.3320, 0.3255$.

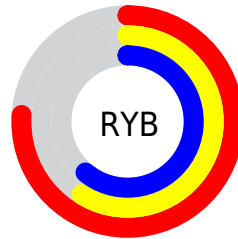
Distribution



Red (76%)

Green (59%)

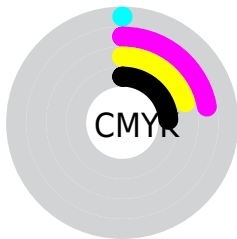
Blue (61%)



Red (76%)

Yellow (59%)

Blue (61%)

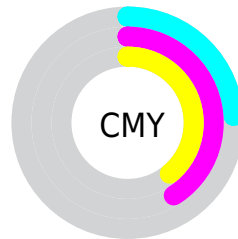


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (41%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0029, 0.3521, 0.3225 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 36.0029, 0.3521, 0.3225 by changing the saturation by 10% instead.

 36.0029, 0.3521,
0.3225


 36.0029, 0.3521,
0.3225


328.9732, 0.3315,
0.3261

 24.4364, 0.3576,
0.3215


 69.0365, 0.3444,
0.3239

 15.6577, 0.3648,
0.3201


 91.2725, 0.3415,
0.3244

 9.2823, 0.3749,
0.3181


117.8338, 0.3392,
0.3248

 4.9257, 0.3896,
0.3150

149.1047, 0.3372,
0.3251

 2.2038, 0.4135,
0.3097

185.4697, 0.3354,
0.3254

 0.7220, 0.4716,
0.3031

227.3132, 0.3339,


 0.0000, 1.0000,


0.3257

0.0000

275.0196, 0.3326,
0.3259

 0.0000, 0.0000,
0.0000

 36.0029, 0.3521,
0.3225

 36.0029, 0.3521,
0.3225


 29.7249, 0.3770,
0.3194


 43.3933, 0.3320,
0.3255

 24.5008, 0.4075,
0.3164


 51.9412, 0.3157,
0.3284


 20.2742, 0.4438,
0.3139

 61.6951, 0.3027,
0.3311

 16.9815, 0.4854,
0.3124

 72.6993, 0.2921,
0.3335

 14.5516, 0.5298,
0.3125

 84.9959, 0.2835,
0.3357

■ 12.9033, 0.5724,
0.3146

■ 90.2041, 0.2773,
0.3289

■ 11.9399, 0.6071,
0.3189

■ 11.5238, 0.6264,
0.3225

Harmonies

Analogous

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



36.0029, 0.3293, 0.3027



36.0029, 0.3521, 0.3225



36.0029, 0.3641, 0.3446

Triad

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



36.0029, 0.3521, 0.3225



36.0029, 0.3211, 0.3728



36.0029, 0.2658, 0.2926

Complementary

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



36.0029, 0.3521, 0.3225



48.8210, 0.2835, 0.3357

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.



36.0029, 0.2640, 0.3099



36.0029, 0.3521, 0.3225



36.0029, 0.2951, 0.3576

Square

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



36.0029, 0.3521, 0.3225



36.0029, 0.3456, 0.3747



36.0029, 0.2745, 0.3339



36.0029, 0.2797, 0.2856

Rectangle

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



36.0029, 0.3521, 0.3225



36.0029, 0.3640, 0.3580



36.0029, 0.2745, 0.3339



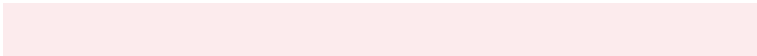
36.0029, 0.2638, 0.2974

Sweetspot

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



36.0045, 0.3521, 0.3225



86.1736, 0.3234, 0.3270



36.8462, 0.3105, 0.2738



18.6626, 0.3244, 0.3268



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.



36.0045, 0.3521, 0.3225



58.9943, 0.3646, 0.3209



41.5135, 0.3526, 0.3508



10.0964, 0.3271, 0.3264



7.5864, 0.6243, 0.3213



0.3342, 0.5792, 0.2964

Inverse Universe

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



36.0045, 0.3521, 0.3225



58.9943, 0.3646, 0.3209



42.1172, 0.2786, 0.3062



10.0964, 0.3271, 0.3264



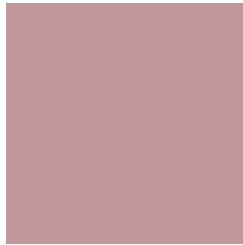
7.5864, 0.6243, 0.3213



0.3342, 0.5792, 0.2964

Previews

White Background



This preview shows how the Yxy color 36.0029, 0.3521, 0.3225 looks on a white background.

Color Contrast Check

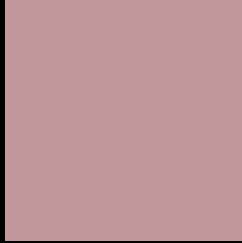
Large Text (above 18pt) WCAG AA × Fail

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 36.0029, 0.3521, 0.3225 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 36.0029, 0.3521, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 36.0029, 0.3521, 0.3225.



This preview shows how white text looks on a background with the Yxy color 36.0029, 0.3521, 0.3225.

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

36.0029, 0.3521, 0.3225

Protanopia

36.0977, 0.3156, 0.3276

Deuteranopia

36.1838, 0.3375, 0.3319



Tritanopia

36.0234, 0.3473, 0.3133

Trichromacy



Original Color

36.0029, 0.3521, 0.3225

Protanomaly

35.8821, 0.3287, 0.3248

Deuteranomaly

36.1235, 0.3430, 0.3291

Tritanomaly

35.9529, 0.3493, 0.3159

Monochromacy



Original Color

36.0029, 0.3521, 0.3225

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4834, 0.3265, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0029, 0.3521, 0.3225 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(194, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(194, 151, 156)  
}
```

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(194, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 151, 156) }
```

Border

The CSS property to change the border of an element to Yxy 36.0029, 0.3521, 0.3225 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(194, 151, 156) }
```

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

```
.border{ border-color:rgb(194, 151, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 151, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(194, 151,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0029, 0.3521, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 151, 156) }
```

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

```
.background{ background-color: rgb(194,  
151, 156) }
```

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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