

Converting Colors

$Yxy(36.3447, 0.3789, 0.3286)$

Have a look what the booklet for
Yxy(36.3447, 0.3789, 0.3286)
contains.

Yxy(36.2197, 0.3788, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.2197, 0.3788, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D19293
RGB	209, 146, 147
RGB Percent	82%, 57%, 58%
CMY	0.1804, 0.4274, 0.4234
CMYK	0.00, 0.30, 0.30, 0.18
HSL	359°, 41%, 70%
HSV	359°, 30%, 82%
XYZ	41.8421, 36.2197, 32.3978
YIQ	164.9510, 37.2270, 13.6670

Conversions

Conversions Part 2

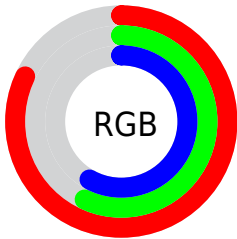
Format	Color
R _Y B	209, 146, 147
Decimal	13734547
CIE Lab	66.69, 23.95, 9.04
CIE LCh	67, 25.599, 20.688
Yxy	36.2197, 0.3788, 0.3279
Android (android.graphics.Color)	4291924627 (0xFFD19293)
YUV	164.9510, -8.8498, 38.6310
Hunter-Lab	60.1828, 18.7822, 10.2108

Details

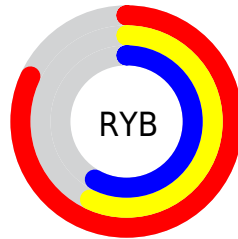
The Yxy color **36.2197, 0.3788, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2677, 0.2702, 0.3302**, and the grayscale version is **37.6335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7856, 0.3559, 0.3281**, and **15.8198, 0.3993, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **29.7670, 0.4120, 0.3276**, and if you desaturate by 10%, it is **43.9691, 0.3518, 0.3283**.

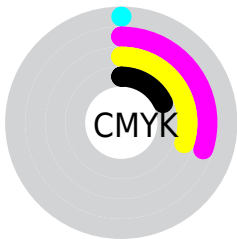
Distribution



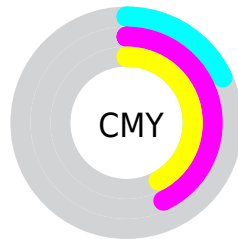
- Red (82%)
- Green (57%)
- Blue (58%)



- Red (82%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2197, 0.3788, 0.3279 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 36.2197, 0.3788, 0.3279 by changing the saturation by 10% instead.

 36.2197, 0.3788,
0.3279

 36.2197, 0.3788,
0.3279


329.9198, 0.3441,
0.3292

 24.6039, 0.3880,
0.3273


 69.3710, 0.3658,
0.3286

 15.7822, 0.4002,
0.3264


 91.6754, 0.3610,
0.3287

 9.3702, 0.4170,
0.3248


118.3114, 0.3570,
0.3289

 4.9834, 0.4416,
0.3219

149.6634, 0.3536,
0.3290

 2.2375, 0.4807,
0.3158

186.1159, 0.3507,
0.3291

 0.7403, 0.6001,
0.3239

228.0531, 0.3482,

 0.0000, 1.0000,

0.3291

0.0000

275.8597, 0.3460,
0.3292

0.0000, 0.0000,
0.0000

36.2197, 0.3788,
0.3279

36.2197, 0.3788,
0.3279

29.7670, 0.4120,
0.3276

43.9691, 0.3518,
0.3283

24.5355, 0.4518,
0.3273

53.0751, 0.3302,
0.3286

20.4497, 0.4971,
0.3273

63.6002, 0.3129,
0.3290

17.4239, 0.5447,
0.3274

75.6013, 0.2991,
0.3293

15.3601, 0.5885,
0.3279

89.1323, 0.2880,
0.3296

■ 14.1422, 0.6210,
0.3287

■ 92.2960, 0.2855,
0.3289

■ 13.5634, 0.6386,
0.3292

Harmonies

Analogous

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



36.2197, 0.3480, 0.2982



36.2197, 0.3788, 0.3279



36.2197, 0.3905, 0.3595

Triad

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



36.2197, 0.3788, 0.3279



36.2197, 0.3129, 0.3908



36.2197, 0.2484, 0.2707

Complementary

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



36.2197, 0.3788, 0.3279



56.2677, 0.2702, 0.3302

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.



36.2197, 0.2406, 0.2911



36.2197, 0.3788, 0.3279



36.2197, 0.2763, 0.3624

Square

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



36.2197, 0.3788, 0.3279



36.2197, 0.3510, 0.3989



36.2197, 0.2504, 0.3246



36.2197, 0.2726, 0.2660

Rectangle

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



36.2197, 0.3788, 0.3279



36.2197, 0.3858, 0.3783



36.2197, 0.2504, 0.3246



36.2197, 0.2439, 0.2758

Sweetspot

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



36.2214, 0.3788, 0.3279



84.8516, 0.3282, 0.3287



38.5652, 0.3152, 0.2544



17.6752, 0.3311, 0.3286



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.



36.2214, 0.3788, 0.3279



50.2307, 0.3988, 0.3277



46.8600, 0.3688, 0.3669



11.8113, 0.3288, 0.3287



8.3638, 0.6382, 0.3289



0.4688, 0.6319, 0.3254

Inverse Universe

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



36.2214, 0.3788, 0.3279



50.2307, 0.3988, 0.3277



42.7761, 0.2650, 0.2877



11.8113, 0.3288, 0.3287



8.3638, 0.6382, 0.3289



0.4688, 0.6319, 0.3254

Previews

White Background



This preview shows how the Yxy color 36.2197, 0.3788, 0.3279 looks on a white background.

Color Contrast Check

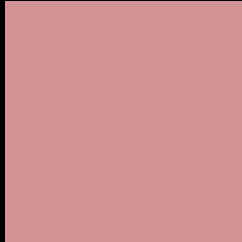
Large Text (above 18pt) WCAG AA × Fail

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 36.2197, 0.3788, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

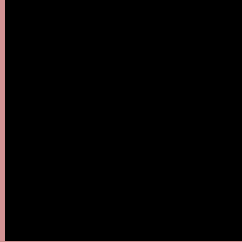
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2197, 0.3788, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 36.2197, 0.3788, 0.3279.



This preview shows how white text looks on a background with the Yxy color 36.2197, 0.3788, 0.3279.

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

36.2197, 0.3788, 0.3279

Protanopia

36.4565, 0.3229, 0.3377

Deuteranopia

36.4726, 0.3523, 0.3457



Tritanopia

36.3527, 0.3705, 0.3154

Trichromacy



Original Color

36.2197, 0.3788, 0.3279

Protanomaly

36.0219, 0.3416, 0.3332

Deuteranomaly

36.3271, 0.3618, 0.3385

Tritanomaly

36.2523, 0.3737, 0.3191

Monochromacy



Original Color

36.2197, 0.3788, 0.3279

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7461, 0.3354, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2197, 0.3788, 0.3279 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, 146, 147)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 147)  
}
```

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, 146, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 147) }
```

Border

The CSS property to change the border of an element to Yxy 36.2197, 0.3788, 0.3279 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, 146, 147) }
```

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

```
.border{ border-color:rgb(209, 146, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 146, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 146, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 146, 147);  
box-shadow:4px 4px 4px 4px rgb(209, 146,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2197, 0.3788, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 147) }
```

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

```
.background{ background-color: rgb(209,  
146, 147) }
```

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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