

Converting Colors

$Yxy(36.6817, 0.3551, 0.2990)$

Have a look what the booklet for
Yxy(36.6817, 0.3551, 0.2990)
contains.

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Color

Yxy(36.6707, 0.3556, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	D191A9
RGB	209, 145, 169
RGB Percent	82%, 57%, 66%
CMY	0.1803, 0.4314, 0.3373
CMYK	0.00, 0.31, 0.19, 0.18
HSL	338°, 41%, 69%
HSV	338°, 31%, 82%
XYZ	43.5832, 36.6707, 42.3086
YIQ	166.8720, 30.4400, 21.0320

Conversions

Conversions Part 2

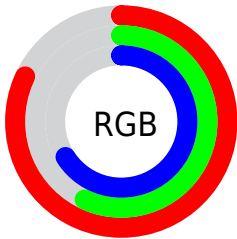
Format	Color
R _Y B	209, 145, 169
Decimal	13734313
CIE Lab	67.03, 27.68, -2.79
CIE LCh	67, 27.820, 354.244
Yxy	36.6707, 0.3556, 0.2992
Android (android.graphics.Color)	4291924393 (0xFFD191A9)
YUV	166.8720, 1.0491, 36.9463
Hunter-Lab	60.5563, 22.4953, 0.9656

Details

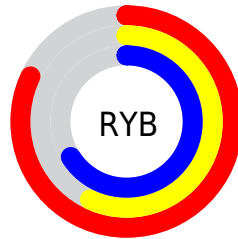
The Yxy color **36.6707, 0.3556, 0.2992** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1326, 0.2833, 0.3612**, and the grayscale version is **38.5626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4887, 0.3381, 0.3037**, and **16.0621, 0.3682, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **30.3950, 0.3759, 0.2892**, and if you desaturate by 10%, it is **44.1740, 0.3387, 0.3093**.

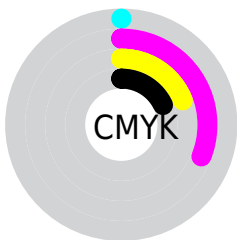
Distribution



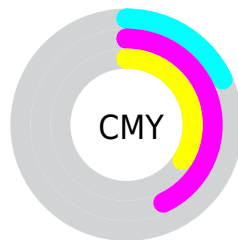
- Red (82%)
- Green (57%)
- Blue (66%)



- Red (82%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6707, 0.3556, 0.2992 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 36.6707, 0.3556, 0.2992 by changing the saturation by 10% instead.


 36.6707, 0.3556,
0.2992


 36.6707, 0.3556,
0.2992


331.8826, 0.3334,
0.3145

 24.9526, 0.3614,
0.2953


 70.0660, 0.3474,
0.3048

 16.0418, 0.3690,
0.2902


 92.5121, 0.3443,
0.3069

 9.5537, 0.3793,
0.2832


119.3029, 0.3418,
0.3087

 5.1041, 0.3943,
0.2733

150.8229, 0.3396,
0.3102

 2.3085, 0.4178,
0.2580

187.4565, 0.3377,
0.3115

 0.7782, 0.4605,
0.2304

229.5881, 0.3361,

 0.0000, 1.0000,

0.3126

0.0000

277.6020, 0.3347,
0.3136

0.0000, 0.0000,
0.0000

36.6707, 0.3556,
0.2992

36.6707, 0.3556,
0.2992

30.3950, 0.3759,
0.2892

44.1740, 0.3387,
0.3093

25.2757, 0.4000,
0.2799

52.9606, 0.3248,
0.3192

21.2424, 0.4277,
0.2724

63.0893, 0.3134,
0.3284

18.2146, 0.4585,
0.2678

74.6134, 0.3040,
0.3371

16.1006, 0.4909,
0.2674

87.5834, 0.2964,
0.3450

■ 14.7913, 0.5227,
0.2721

■ 91.8183, 0.2895,
0.3368

■ 14.1121, 0.5501,
0.2804

■ 92.2976, 0.2855,
0.3289

Harmonies

Analogous

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



36.6707, 0.3133, 0.2743



36.6707, 0.3556, 0.2992



36.6707, 0.3871, 0.3316

Triad

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



36.6707, 0.3556, 0.2992



36.6707, 0.3493, 0.4050



36.6707, 0.2351, 0.2844

Complementary

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



36.6707, 0.3556, 0.2992



55.1326, 0.2833, 0.3612

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.



36.6707, 0.2433, 0.3192



36.6707, 0.3556, 0.2992



36.6707, 0.3077, 0.3937

Square

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



36.6707, 0.3556, 0.2992



36.6707, 0.3824, 0.3930



36.6707, 0.2692, 0.3606



36.6707, 0.2457, 0.2646

Rectangle

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



36.6707, 0.3556, 0.2992



36.6707, 0.3963, 0.3544



36.6707, 0.2692, 0.3606



36.6707, 0.2358, 0.2946

Sweetspot

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



36.6724, 0.3556, 0.2992



85.3312, 0.3229, 0.3206



35.1044, 0.2933, 0.2480



17.7925, 0.3247, 0.3192



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.



36.6724, 0.3556, 0.2992



50.6130, 0.3690, 0.2923



38.2108, 0.3785, 0.3386



11.8805, 0.3233, 0.3203



8.7173, 0.5463, 0.2783



0.5026, 0.4962, 0.2507

Inverse Universe

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



36.6724, 0.3556, 0.2992



50.6130, 0.3690, 0.2923



52.6529, 0.2679, 0.3191



11.8805, 0.3233, 0.3203



8.7173, 0.5463, 0.2783



0.5026, 0.4962, 0.2507

Previews

White Background



This preview shows how the Yxy color 36.6707, 0.3556, 0.2992 looks on a white background.

Color Contrast Check

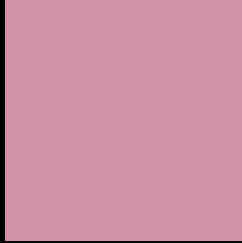
Large Text (above 18pt) WCAG AA × Fail

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 36.6707, 0.3556, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

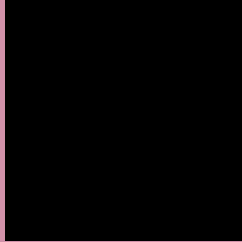
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6707, 0.3556, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 36.6707, 0.3556, 0.2992.



This preview shows how white text looks on a background with the Yxy color 36.6707, 0.3556, 0.2992.

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

36.6707, 0.3556, 0.2992

Protanopia

36.8173, 0.2974, 0.3036

Deuteranopia

36.7087, 0.3240, 0.3166



Tritanopia

36.7460, 0.3656, 0.3153

Trichromacy



Original Color

36.6707, 0.3556, 0.2992

Protanomaly

36.4952, 0.3169, 0.3018

Deuteranomaly

36.4284, 0.3346, 0.3091

Tritanomaly

36.5763, 0.3617, 0.3090

Monochromacy



Original Color

36.6707, 0.3556, 0.2992

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5685, 0.3268, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6707, 0.3556, 0.2992 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, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(209, 145, 169)  
}
```

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, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 145, 169) }
```

Border

The CSS property to change the border of an element to Yxy 36.6707, 0.3556, 0.2992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

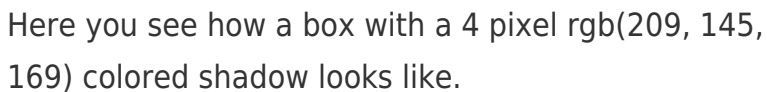
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 145, 169) }
```

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

```
.border{ border-color:rgb(209, 145, 169) }
```

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



Here you see how a box with a 4 pixel rgb(209, 145, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 145, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 145, 169); box-shadow:4px 4px 4px 4px rgb(209, 145, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6707, 0.3556, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 145, 169) }
```

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

```
.background{ background-color: rgb(209,  
145, 169) }
```

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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