

Converting Colors

$Y_{xy}(30.0368, 0.3656, 0.3069)$

Have a look what the booklet for
Yxy(30.0368, 0.3656, 0.3069)
contains.

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Color

Yxy(30.1100, 0.3662, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	C28494
RGB	194, 132, 148
RGB Percent	76%, 52%, 58%
CMY	0.2392, 0.4824, 0.4197
CMYK	0.00, 0.32, 0.24, 0.24
HSL	345°, 34%, 64%
HSV	345°, 32%, 76%
XYZ	35.8462, 30.1100, 31.9307
YIQ	152.3620, 31.8160, 18.1200

Conversions

Conversions Part 2

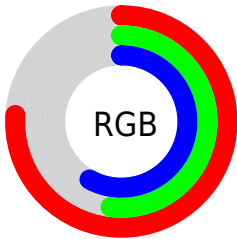
Format	Color
RYB	194, 132, 148
Decimal	12747924
CIELab	61.75, 26.12, 1.17
CIElCh	62, 26.149, 2.574
Yxy	30.1100, 0.3662, 0.3076
Android (android.graphics.Color)	4290938004 (0xFFC28494)
YUV	152.3620, -2.1505, 36.5165
Hunter-Lab	54.8726, 20.5802, 3.9096

Details

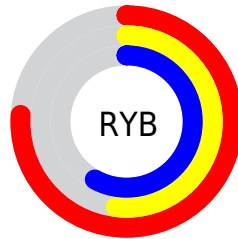
The Yxy color **30.1100, 0.3662, 0.3076** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7116, 0.2775, 0.3518**, and the grayscale version is **31.5636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0775, 0.3555, 0.3124**, and **12.3866, 0.3852, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **24.9017, 0.3912, 0.3008**, and if you desaturate by 10%, it is **36.3563, 0.3456, 0.3146**.

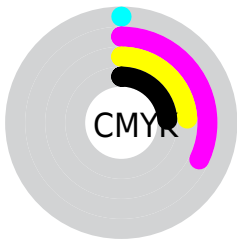
Distribution



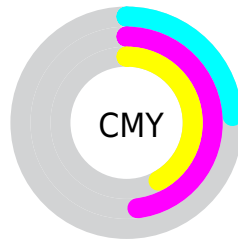
- Red (76%)
- Green (52%)
- Blue (58%)



- Red (76%)
- Yellow (52%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (24%)





- Cyan (24%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1100, 0.3662, 0.3076 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 30.1100, 0.3662, 0.3076 by changing the saturation by 10% instead.

 30.1100, 0.3662,
0.3076


 30.1100, 0.3662,
0.3076


302.4168, 0.3375,
0.3192


 19.9221, 0.3741,
0.3044


 59.8361, 0.3552,
0.3120

 12.3384, 0.3847,
0.3000


 80.1431, 0.3513,
0.3136

 6.9746, 0.3997,
0.2938


 104.5919, 0.3480,
0.3150

 3.4462, 0.4225,
0.2844

133.5669, 0.3452,
0.3161

 1.3689, 0.4609,
0.2681

167.4525, 0.3429,
0.3170

 0.1936, 0.7182,
0.1692

206.6331, 0.3408,

 0.0000, 0.0000,

0.3179

0.0000

251.4931, 0.3390,
0.3186

■ 30.1100, 0.3662,
0.3076

■ 30.1100, 0.3662,
0.3076

■ 24.9017, 0.3912,
0.3008

■ 36.3563, 0.3456,
0.3146

■ 20.6708, 0.4210,
0.2947

■ 43.6886, 0.3288,
0.3214

■ 17.3569, 0.4553,
0.2902


■ 52.1568, 0.3151,
0.3278


■ 14.8910, 0.4929,
0.2884


■ 61.8066, 0.3040,
0.3337

■ 13.1943, 0.5314,
0.2903


■ 72.6811, 0.2949,
0.3392

 12.1730, 0.5669,
0.2963

 84.8213, 0.2875,
0.3442

 11.7016, 0.5914,
0.3031

 89.8182, 0.2804,
0.3355

 90.2113, 0.2773,
0.3289

Harmonies

Analogous

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



30.1100, 0.3253, 0.2800



30.1100, 0.3662, 0.3076



30.1100, 0.3925, 0.3412

Triad

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



30.1100, 0.3662, 0.3076



30.1100, 0.3382, 0.4047



30.1100, 0.2359, 0.2770

Complementary

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



30.1100, 0.3662, 0.3076



46.7116, 0.2775, 0.3518

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.



30.1100, 0.2389, 0.3082



30.1100, 0.3662, 0.3076



30.1100, 0.2962, 0.3865

Square

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



30.1100, 0.3662, 0.3076



30.1100, 0.3749, 0.3986



30.1100, 0.2603, 0.3493



30.1100, 0.2516, 0.2619

Rectangle

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



30.1100, 0.3662, 0.3076



30.1100, 0.3973, 0.3637



30.1100, 0.2603, 0.3493



30.1100, 0.2348, 0.2858

Sweetspot

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



30.1114, 0.3662, 0.3076



81.7538, 0.3261, 0.3226



29.8016, 0.2996, 0.2465



17.4473, 0.3282, 0.3216



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.



30.1114, 0.3662, 0.3076



48.0770, 0.3823, 0.3030



33.8404, 0.3789, 0.3488



10.1195, 0.3249, 0.3231



7.7036, 0.5881, 0.3013



0.3445, 0.5224, 0.2652

Inverse Universe

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



30.1114, 0.3662, 0.3076



48.0770, 0.3823, 0.3030



41.2604, 0.2650, 0.3082



10.1195, 0.3249, 0.3231



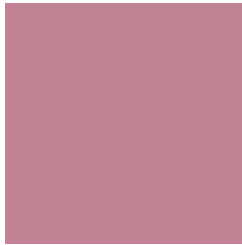
7.7036, 0.5881, 0.3013



0.3445, 0.5224, 0.2652

Previews

White Background



This preview shows how the Yxy color 30.1100, 0.3662, 0.3076 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 30.1100, 0.3662, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

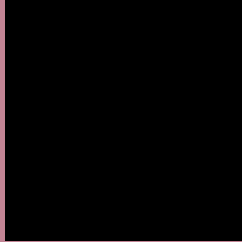
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1100, 0.3662, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 30.1100, 0.3662, 0.3076.



This preview shows how white text looks on a background with the Yxy color 30.1100, 0.3662, 0.3076.

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

30.1100, 0.3662, 0.3076

Protanopia

30.4475, 0.3053, 0.3151

Deuteranopia

30.3255, 0.3330, 0.3276



Tritanopia

30.0957, 0.3705, 0.3156

Trichromacy



Original Color

30.1100, 0.3662, 0.3076

Protanomaly

30.0850, 0.3262, 0.3128

Deuteranomaly

30.0929, 0.3450, 0.3190

Tritanomaly

30.1568, 0.3682, 0.3129

Monochromacy



Original Color

30.1100, 0.3662, 0.3076

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.7007, 0.3301, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1100, 0.3662, 0.3076 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, 132, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 132, 148)  
}
```

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, 132, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 132, 148) }
```

Border

The CSS property to change the border of an element to Yxy 30.1100, 0.3662, 0.3076 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, 132, 148) }
```

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

```
.border{ border-color:rgb(194, 132, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 132, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 132, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 132, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 132,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1100, 0.3662, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 132, 148) }
```

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

```
.background{ background-color: rgb(194,  
132, 148) }
```

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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