

Converting Colors

$Y_{xy}(30.1977, 0.3352, 0.2916)$

Have a look what the booklet for
Yxy(30.1977, 0.3352, 0.2916)
contains.

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Color

Yxy(30.1977, 0.3352, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	B688A3
RGB	182, 136, 163
RGB Percent	71%, 53%, 64%
CMY	0.2861, 0.4667, 0.3608
CMYK	0.00, 0.25, 0.10, 0.29
HSL	325°, 24%, 62%
HSV	325°, 25%, 71%
XYZ	34.7129, 30.1977, 38.6481
YIQ	152.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

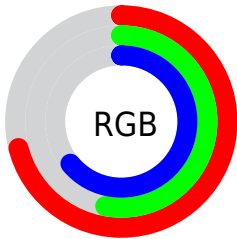
Format	Color
R_{YB}	182, 136, 163
Decimal	11962531
CIE _{Lab}	61.82, 21.95, -7.43
CIE _{LCh}	62, 23.172, 341.305
Yxy	30.1977, 0.3352, 0.2916
Android (android.graphics.Color)	4290152611 (0xFFB688A3)
YUV	152.8320, 5.0128, 25.5803
Hunter-Lab	54.9524, 16.5898, -3.2320

Details

The Yxy color $30.1977, 0.3352, 0.2916$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $41.0726, 0.2953, 0.3697$, and the grayscale version is $31.7515, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.0660, 0.3303, 0.2991$, and $12.3925, 0.3422, 0.2808$ is the 20% darker color. If you saturate the color by 10%, you get $25.2383, 0.3471, 0.2762$, and if you desaturate by 10%, it is $36.0466, 0.3251, 0.3068$.

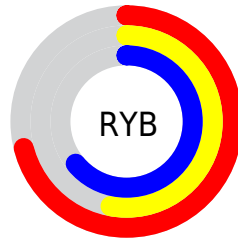
Distribution



Red (71%)

Green (53%)

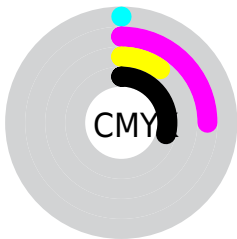
Blue (64%)



Red (71%)

Yellow (53%)

Blue (64%)

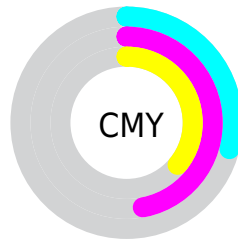


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1977, 0.3352, 0.2916 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 30.1977, 0.3352, 0.2916 by changing the saturation by 10% instead.

 30.1977, 0.3352,
0.2916


 30.1977, 0.3352,
0.2916


302.8249, 0.3234,
0.3111


 19.9887, 0.3383,
0.2865


 59.9747, 0.3308,
0.2989

 12.3868, 0.3425,
0.2797


 80.3115, 0.3292,
0.3015

 7.0077, 0.3482,
0.2704


 104.7930, 0.3278,
0.3038

 3.4669, 0.3566,
0.2569

133.8035, 0.3267,
0.3057

 1.3801, 0.3702,
0.2353

167.7276, 0.3257,
0.3073

 0.2020, 0.4361,
0.1210

206.9496, 0.3248,

 0.0000, 0.0000,

0.3087

0.0000

251.8539, 0.3241,
0.3100

■ 30.1977, 0.3352,
0.2916

■ 30.1977, 0.3352,
0.2916

■ 25.2383, 0.3471,
0.2762

■ 36.0466, 0.3251,
0.3068

■ 21.1202, 0.3608,
0.2613

■ 42.8222, 0.3166,
0.3215

■ 17.7966, 0.3765,
0.2478

■ 50.5644, 0.3095,
0.3354

■ 15.2144, 0.3938,
0.2367

■ 59.3094, 0.3036,
0.3484

■ 13.3142, 0.4124,
0.2291

■ 69.0919, 0.2987,
0.3604

■ 12.0271, 0.4315,
0.2262

■ 79.9446, 0.2947,
0.3714

■ 11.2682, 0.4505,
0.2284

■ 86.4115, 0.2910,
0.3729

■ 11.0065, 0.4594,
0.2304

■ 86.8090, 0.2870,
0.3642

■ 87.2247, 0.2832,
0.3556

Harmonies

Analogous

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



30.1977, 0.2971, 0.2735



30.1977, 0.3352, 0.2916



30.1977, 0.3686, 0.3186

Triad

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



30.1977, 0.3352, 0.2916



30.1977, 0.3597, 0.3943



30.1977, 0.2443, 0.3016

Complementary

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



30.1977, 0.3352, 0.2916



41.0726, 0.2953, 0.3697

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.



30.1977, 0.2590, 0.3363



30.1977, 0.3352, 0.2916



30.1977, 0.3248, 0.3931

Square

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



30.1977, 0.3352, 0.2916



30.1977, 0.3827, 0.3771



30.1977, 0.2880, 0.3712



30.1977, 0.2466, 0.2775

Rectangle

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



30.1977, 0.3352, 0.2916



30.1977, 0.3827, 0.3390



30.1977, 0.2880, 0.3712



30.1977, 0.2474, 0.3124

Sweetspot

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



30.1991, 0.3352, 0.2916



73.9398, 0.3189, 0.3174



27.8941, 0.2876, 0.2617



15.9144, 0.3201, 0.3152



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.1991, 0.3352, 0.2916



49.8455, 0.3411, 0.2836



29.4658, 0.3600, 0.3226



9.0982, 0.3199, 0.3157



7.7825, 0.4573, 0.2293



0.2864, 0.4133, 0.2051

Inverse Universe

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



30.1991, 0.3352, 0.2916



49.8455, 0.3411, 0.2836



41.8967, 0.2793, 0.3356



9.0982, 0.3199, 0.3157



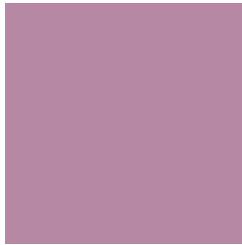
7.7825, 0.4573, 0.2293



0.2864, 0.4133, 0.2051

Previews

White Background



This preview shows how the Yxy color 30.1977, 0.3352, 0.2916 looks on a white background.

Color Contrast Check

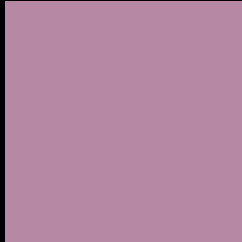
Large Text (above 18pt) WCAG AA × Fail

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 30.1977, 0.3352, 0.2916 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 30.1977, 0.3352, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 30.1977, 0.3352, 0.2916.



This preview shows how white text looks on a background with the Yxy color 30.1977, 0.3352, 0.2916.

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

30.1977, 0.3352, 0.2916

Protanopia

30.2311, 0.2898, 0.2940

Deuteranopia

30.1949, 0.3118, 0.3051



Tritanopia

30.0502, 0.3477, 0.3135

Trichromacy



Original Color

30.1977, 0.3352, 0.2916

Protanomaly

30.1446, 0.3052, 0.2935

Deuteranomaly

30.1701, 0.3194, 0.2999

Tritanomaly

30.0482, 0.3436, 0.3051

Monochromacy



Original Color

30.1977, 0.3352, 0.2916

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.1943, 0.3206, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1977, 0.3352, 0.2916 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(182, 136, 163)` looks like.

```
.text, #text, p{  
    color:rgb(182, 136, 163)  
}
```

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(182, 136, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 136, 163) }
```

Border

The CSS property to change the border of an element to Yxy 30.1977, 0.3352, 0.2916 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(182, 136, 163) }
```

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

```
.border{ border-color:rgb(182, 136, 163) }
```

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

Here you see how a box with a 4 pixel rgb(182, 136, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 136, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 136, 163);  
box-shadow:4px 4px 4px 4px rgb(182, 136,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1977, 0.3352, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 136, 163) }
```

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

```
.background{ background-color: rgb(182,  
136, 163) }
```

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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