

Converting Colors

$Y_{xy}(30.0827, 0.3282, 0.2517)$

Have a look what the booklet for
Yxy(30.0827, 0.3282, 0.2517)
contains.

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Color

Yxy(30.0827, 0.3282, 0.2517)

Conversions

Conversions Part 1

Format	Color
Hex	C57DBA
RGB	197, 125, 186
RGB Percent	77%, 49%, 73%
CMY	0.2274, 0.5098, 0.2705
CMYK	0.00, 0.37, 0.06, 0.23
HSL	309°, 38%, 63%
HSV	309°, 37%, 77%
XYZ	39.2258, 30.0827, 50.2095
YIQ	153.4820, 23.3310, 34.2350

Conversions

Conversions Part 2

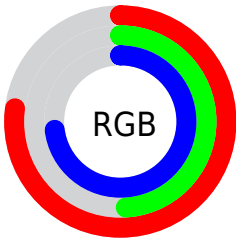
Format	Color
RYB	197, 125, 186
Decimal	12942778
CIELab	61.73, 37.24, -20.51
CIELCh	62, 42.510, 331.159
Yxy	30.0827, 0.3282, 0.2517
Android (android.graphics.Color)	4291132858 (0xFFC57DBA)
YUV	153.4820, 16.0314, 38.1653
Hunter-Lab	54.8477, 31.6757, -15.8828

Details

The Yxy color **30.0827, 0.3282, 0.2517** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.0717, 0.3005, 0.4212**, and the grayscale version is **31.9983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9110, 0.3262, 0.2663**, and **12.3418, 0.3315, 0.2294** is the 20% darker color. If you saturate the color by 10%, you get **25.4548, 0.3335, 0.2316**, and if you desaturate by 10%, it is **35.7052, 0.3233, 0.2729**.

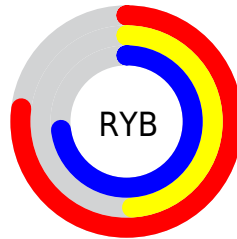
Distribution



Red (77%)

Green (49%)

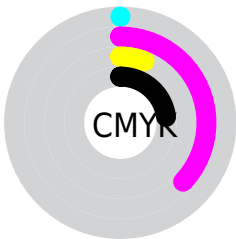
Blue (73%)



Red (77%)

Yellow (49%)

Blue (73%)

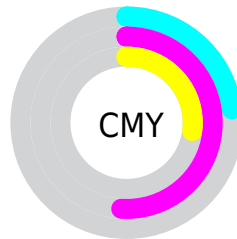


Cyan (0%)

Magenta (37%)

Yellow (6%)

Black (23%)



Cyan (23%)


Magenta (51%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0827, 0.3282, 0.2517 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 30.0827, 0.3282, 0.2517 by changing the saturation by 10% instead.


 30.0827, 0.3282,
0.2517


 30.0827, 0.3282,
0.2517


302.2897, 0.3210,
0.2905

 19.9014, 0.3298,
0.2420


 59.7929, 0.3257,
0.2658

 12.3234, 0.3317,
0.2297


 80.0906, 0.3248,
0.2711

 6.9643, 0.3340,
0.2133


 104.5292, 0.3239,
0.2756

 3.4398, 0.3366,
0.1908

133.4932, 0.3232,
0.2794

 1.3654, 0.3392,
0.1582

167.3668, 0.3226,
0.2827

 0.1910, 0.3577,
0.0612

206.5345, 0.3220,

 0.0000, 0.0808,

0.2857

0.0000

251.3807, 0.3215,
0.2882

0.0000, 0.0000,
0.0000

30.0827, 0.3282,
0.2517

30.0827, 0.3282,
0.2517

25.4548, 0.3335,
0.2316

35.7052, 0.3233,
0.2729

21.7586, 0.3392,
0.2135

42.3722, 0.3189,
0.2944

18.9305, 0.3451,
0.1985


50.1351, 0.3150,
0.3156


16.8970, 0.3509,
0.1873

59.0407, 0.3116,
0.3359

15.5728, 0.3566,
0.1805


69.1332, 0.3087,
0.3551


 14.8462, 0.3620,
0.1781

 80.4543, 0.3062,
0.3730

 14.6602, 0.3638,
0.1778

 87.8985, 0.3042,
0.3817

 88.0469, 0.3026,
0.3783

 88.1980, 0.3009,
0.3749

Harmonies

Analogous

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



30.0827, 0.2621, 0.2279



30.0827, 0.3282, 0.2517



30.0827, 0.3967, 0.2917

Triad

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



30.0827, 0.3282, 0.2517



30.0827, 0.4119, 0.4367



30.0827, 0.1985, 0.2949

Complementary

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



30.0827, 0.3282, 0.2517



46.0717, 0.3005, 0.4212

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.



30.0827, 0.2307, 0.3646



30.0827, 0.3282, 0.2517



30.0827, 0.3530, 0.4553

Square

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



30.0827, 0.3282, 0.2517



30.0827, 0.4462, 0.3928



30.0827, 0.2866, 0.4294



30.0827, 0.1938, 0.2464

Rectangle

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



30.0827, 0.3282, 0.2517



30.0827, 0.4309, 0.3241



30.0827, 0.2866, 0.4294



30.0827, 0.2062, 0.3166

Sweetspot

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



30.0841, 0.3282, 0.2517



83.1185, 0.3167, 0.3059



23.9154, 0.2563, 0.2226



17.3830, 0.3173, 0.3030



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.



30.0841, 0.3282, 0.2517



47.0119, 0.3325, 0.2352



28.7461, 0.3691, 0.2957



10.7878, 0.3160, 0.3096



9.6520, 0.3632, 0.1774



0.4648, 0.3530, 0.1718

Inverse Universe

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



30.0841, 0.3282, 0.2517



47.0119, 0.3325, 0.2352



47.2658, 0.2773, 0.3656



10.7878, 0.3160, 0.3096



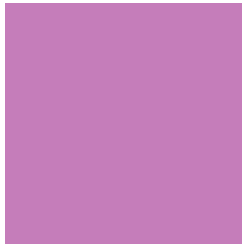
9.6520, 0.3632, 0.1774



0.4648, 0.3530, 0.1718

Previews

White Background



This preview shows how the Yxy color 30.0827, 0.3282, 0.2517 looks on a white background.

Color Contrast Check

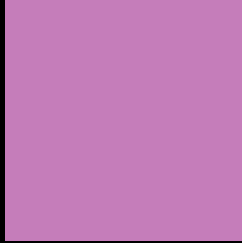
Large Text (above 18pt) WCAG AA × Fail

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 30.0827, 0.3282, 0.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

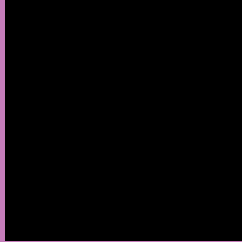
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0827, 0.3282, 0.2517

Background



This preview shows how black text looks on a background with the Yxy color 30.0827, 0.3282, 0.2517.



This preview shows how white text looks on a background with the Yxy color 30.0827, 0.3282, 0.2517.

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

30.0827, 0.3282, 0.2517

Protanopia

30.5124, 0.2554, 0.2507

Deuteranopia

30.2311, 0.2822, 0.2758



Tritanopia

29.9951, 0.3683, 0.3142

Trichromacy



Original Color

30.0827, 0.3282, 0.2517

Protanomaly

29.9098, 0.2784, 0.2505

Deuteranomaly

29.7028, 0.2983, 0.2656

Tritanomaly

29.9378, 0.3540, 0.2904

Monochromacy



Original Color

30.0827, 0.3282, 0.2517

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.7966, 0.3184, 0.2973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0827, 0.3282, 0.2517 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(197, 125, 186)` looks like.

```
.text, #text, p{  
    color:rgb(197, 125, 186)  
}
```

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(197, 125, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 125, 186) }
```

Border

The CSS property to change the border of an element to Yxy 30.0827, 0.3282, 0.2517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

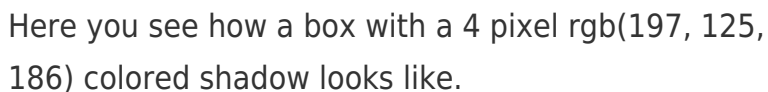
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 125, 186) }
```

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

```
.border{ border-color:rgb(197, 125, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 125, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 125, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 125, 186); box-shadow:4px 4px 4px 4px rgb(197, 125, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0827, 0.3282, 0.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 125, 186) }
```

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

```
.background{ background-color: rgb(197,  
125, 186) }
```

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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