

Converting Colors

$Y_{xy}(32.0378, 0.3614, 0.2664)$

Have a look what the booklet for
Yxy(32.0378, 0.3614, 0.2664)
contains.

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Color

Yxy(32.0522, 0.3611, 0.2659)

Conversions

Conversions Part 1

Format	Color
Hex	D97BB0
RGB	217, 123, 176
RGB Percent	85%, 48%, 69%
CMY	0.1491, 0.5176, 0.3098
CMYK	0.00, 0.43, 0.19, 0.15
HSL	326°, 55%, 67%
HSV	326°, 43%, 85%
XYZ	43.5278, 32.0522, 44.9623
YIQ	157.1480, 39.0110, 36.4110

Conversions

Conversions Part 2

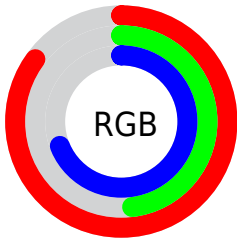
Format	Color
R_{YB}	217, 123, 176
Decimal	14252976
CIE _{Lab}	63.39, 43.22, -12.06
CIE _{LCh}	63, 44.871, 344.407
Yxy	32.0522, 0.3611, 0.2659
Android (android.graphics.Color)	4292443056 (0xFFD97BB0)
YUV	157.1480, 9.2940, 52.4902
Hunter-Lab	56.6147, 38.1629, -7.4567

Details

The Yxy color **32.0522, 0.3611, 0.2659** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.5048, 0.2832, 0.4033**, and the grayscale version is **33.7330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5305, 0.3344, 0.2736**, and **13.4101, 0.3765, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **26.8911, 0.3776, 0.2525**, and if you desaturate by 10%, it is **38.4354, 0.3467, 0.2806**.

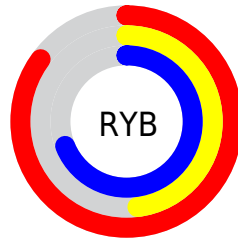
Distribution



Red (85%)

Green (48%)

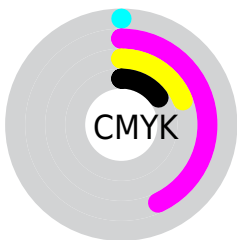
Blue (69%)



Red (85%)

Yellow (48%)

Blue (69%)

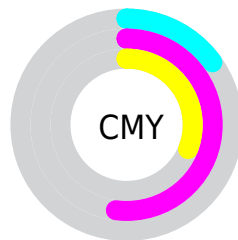


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0522, 0.3611, 0.2659 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 32.0522, 0.3611, 0.2659 by changing the saturation by 10% instead.

 32.0522, 0.3611,
0.2659


 32.0522, 0.3611,
0.2659


311.3570, 0.3363,
0.2977


 21.4014, 0.3675,
0.2579


 62.8929, 0.3519,
0.2775

 13.4177, 0.3758,
0.2476

 83.8516, 0.3485,
0.2819

 7.7168, 0.3871,
0.2339


 109.0150, 0.3457,
0.2855

 3.9143, 0.4032,
0.2148

138.7676, 0.3432,
0.2887

 1.6257, 0.4279,
0.1866

173.4936, 0.3411,
0.2914

 0.3749, 0.4834,
0.1170

213.5776, 0.3393,

 0.0000, 0.8865,

0.2938

0.0000

259.4039, 0.3377,
0.2959

0.0000, 0.0000,
0.0000

32.0522, 0.3611,
0.2659

32.0522, 0.3611,
0.2659

26.8911, 0.3776,
0.2525

38.4354, 0.3467,
0.2806

22.8672, 0.3961,
0.2413

46.1090, 0.3344,
0.2956

19.8923, 0.4161,
0.2336


55.1417, 0.3240,
0.3103


17.8624, 0.4369,
0.2306

65.5959, 0.3153,
0.3245

16.6525, 0.4575,
0.2329

77.5302, 0.3080,
0.3378

 16.1608, 0.4710,
0.2368

 90.9999, 0.3020,
0.3502

 92.6929, 0.2968,
0.3421

 93.2773, 0.2917,
0.3323

 93.4875, 0.2900,
0.3289

Harmonies

Analogous

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



32.0522, 0.2887, 0.2334



32.0522, 0.3611, 0.2659



32.0522, 0.4246, 0.3121

Triad

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



32.0522, 0.3611, 0.2659



32.0522, 0.3899, 0.4532



32.0522, 0.1897, 0.2680

Complementary

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



32.0522, 0.3611, 0.2659



56.5048, 0.2832, 0.4033

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.



32.0522, 0.2101, 0.3322



32.0522, 0.3611, 0.2659



32.0522, 0.3235, 0.4543

Square

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



32.0522, 0.3611, 0.2659



32.0522, 0.4388, 0.4161



32.0522, 0.2577, 0.4066



32.0522, 0.1969, 0.2307

Rectangle

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



32.0522, 0.3611, 0.2659



32.0522, 0.4488, 0.3469



32.0522, 0.2577, 0.4066



32.0522, 0.1933, 0.2868

Sweetspot

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



32.0537, 0.3611, 0.2659



79.7463, 0.3238, 0.3106



27.0446, 0.2663, 0.2066



16.4091, 0.3259, 0.3074



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.



32.0537, 0.3611, 0.2659



39.3160, 0.3762, 0.2535



30.5121, 0.4183, 0.3217



13.1739, 0.3204, 0.3159



9.8073, 0.4682, 0.2353



0.6526, 0.4377, 0.2185

Inverse Universe

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



32.0537, 0.3611, 0.2659



39.3160, 0.3762, 0.2535



58.5129, 0.2575, 0.3371



13.1739, 0.3204, 0.3159



9.8073, 0.4682, 0.2353



0.6526, 0.4377, 0.2185

Previews

White Background



This preview shows how the Yxy color 32.0522, 0.3611, 0.2659 looks on a white background.

Color Contrast Check

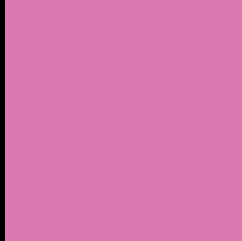
Large Text (above 18pt) WCAG AA × Fail

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 32.0522, 0.3611, 0.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

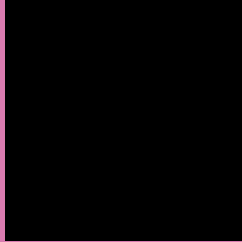
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0522, 0.3611, 0.2659

Background



This preview shows how black text looks on a background with the Yxy color 32.0522, 0.3611, 0.2659.



This preview shows how white text looks on a background with the Yxy color 32.0522, 0.3611, 0.2659.

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

32.0522, 0.3611, 0.2659

Protanopia

32.2816, 0.2676, 0.2656

Deuteranopia

32.3300, 0.3042, 0.2985



Tritanopia

32.0048, 0.3975, 0.3168

Trichromacy



Original Color

32.0522, 0.3611, 0.2659



Protanomaly

31.2699, 0.2968, 0.2630



Deuteranomaly

31.5971, 0.3232, 0.2839



Tritanomaly

31.7748, 0.3840, 0.2971

Monochromacy



Original Color

32.0522, 0.3611, 0.2659



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

32.5148, 0.3296, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0522, 0.3611, 0.2659 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(217, 123, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 123, 176)  
}
```

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(217, 123, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 123, 176) }
```

Border

The CSS property to change the border of an element to Yxy 32.0522, 0.3611, 0.2659 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(217, 123, 176) }
```

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

```
.border{ border-color:rgb(217, 123, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 123, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 123, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 123, 176); box-shadow:4px 4px 4px 4px rgb(217, 123, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0522, 0.3611, 0.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 123, 176) }
```

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

```
.background{ background-color: rgb(217,  
123, 176) }
```

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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