

Converting Colors

$Y_{xy}(32.3014, 0.3545, 0.2988)$

Have a look what the booklet for
Yxy(32.3014, 0.3545, 0.2988)
contains.

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Color

Yxy(32.2997, 0.3545, 0.2988)

Conversions

Conversions Part 1

Format	Color
Hex	C589A0
RGB	197, 137, 160
RGB Percent	77%, 54%, 63%
CMY	0.2274, 0.4628, 0.3725
CMYK	0.00, 0.30, 0.19, 0.23
HSL	337°, 34%, 65%
HSV	337°, 30%, 77%
XYZ	38.3208, 32.2997, 37.4776
YIQ	157.5620, 28.3770, 19.8730

Conversions

Conversions Part 2

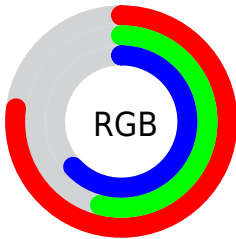
Format	Color
R_{YB}	197, 137, 160
Decimal	12945824
CIE _{Lab}	63.59, 26.32, -2.94
CIE _{LCh}	64, 26.480, 353.627
Yxy	32.2997, 0.3545, 0.2988
Android (android.graphics.Color)	4291135904 (0xFFC589A0)
YUV	157.5620, 1.2019, 34.5871
Hunter-Lab	56.8328, 20.9000, 0.6850

Details

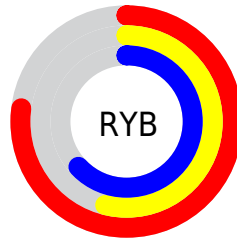
The Yxy color **32.2997, 0.3545, 0.2988** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3142, 0.2839, 0.3616**, and the grayscale version is **33.9695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4279, 0.3463, 0.3045**, and **13.5105, 0.3675, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **26.7977, 0.3743, 0.2886**, and if you desaturate by 10%, it is **38.8689, 0.3380, 0.3091**.

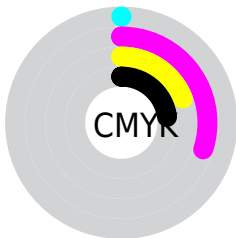
Distribution



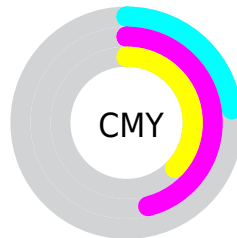
- Red (77%)
- Green (54%)
- Blue (63%)



- Red (77%)
- Yellow (54%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (23%)




- Cyan (23%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2997, 0.3545, 0.2988 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 32.2997, 0.3545, 0.2988 by changing the saturation by 10% instead.


 32.2997, 0.3545,
0.2988


 32.2997, 0.3545,
0.2988


312.4822, 0.3325,
0.3146

 21.5905, 0.3604,
0.2946


 63.2806, 0.3462,
0.3047

 13.5563, 0.3682,
0.2891


 84.3212, 0.3432,
0.3069

 7.8127, 0.3791,
0.2816


 109.5743, 0.3407,
0.3087

 3.9754, 0.3953,
0.2705

139.4243, 0.3385,
0.3102

 1.6598, 0.4217,
0.2527

174.2558, 0.3367,
0.3115

 0.3974, 0.4994,
0.1921

214.4530, 0.3351,

 0.0000, 0.0000,

0.3127


0.0000


260.4003, 0.3337,
0.3137


 32.2997, 0.3545,
0.2988

 32.2997, 0.3545,
0.2988


 26.7977, 0.3743,
0.2886


 38.8689, 0.3380,
0.3091


 22.3015, 0.3978,
0.2791


 46.5535, 0.3244,
0.3191


 18.7503, 0.4248,
0.2713


 55.4041, 0.3132,
0.3286


 16.0749, 0.4549,
0.2664

 65.4668, 0.3040,
0.3374

 14.1964, 0.4866,
0.2656

 76.7853, 0.2965,
0.3455

 13.0214, 0.5178,
0.2699

 89.2696, 0.2903,
0.3527

 12.3882, 0.5456,
0.2779

 89.9876, 0.2840,
0.3395

 90.6126, 0.2789,
0.3289

Harmonies

Analogous

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



32.2997, 0.3124, 0.2743



32.2997, 0.3545, 0.2988



32.2997, 0.3861, 0.3309

Triad

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



32.2997, 0.3545, 0.2988



32.2997, 0.3499, 0.4045



32.2997, 0.2356, 0.2853

Complementary

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



32.2997, 0.3545, 0.2988



48.3142, 0.2839, 0.3616

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.



32.2997, 0.2441, 0.3201



32.2997, 0.3545, 0.2988



32.2997, 0.3087, 0.3937

Square

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



32.2997, 0.3545, 0.2988



32.2997, 0.3824, 0.3922



32.2997, 0.2702, 0.3612



32.2997, 0.2457, 0.2653

Rectangle

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



32.2997, 0.3545, 0.2988



32.2997, 0.3956, 0.3536



32.2997, 0.2702, 0.3612



32.2997, 0.2364, 0.2955

Sweetspot

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



32.3012, 0.3545, 0.2988



85.3433, 0.3228, 0.3204



30.8073, 0.2926, 0.2486



17.7954, 0.3246, 0.3190



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.



32.3012, 0.3545, 0.2988



50.6510, 0.3682, 0.2915



33.3229, 0.3781, 0.3372



10.7031, 0.3231, 0.3202



8.1619, 0.5422, 0.2761



0.4006, 0.4859, 0.2450

Inverse Universe

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



32.3012, 0.3545, 0.2988



50.6510, 0.3682, 0.2915



46.6181, 0.2684, 0.3206



10.7031, 0.3231, 0.3202



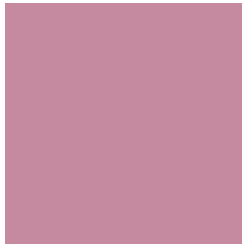
8.1619, 0.5422, 0.2761



0.4006, 0.4859, 0.2450

Previews

White Background



This preview shows how the Yxy color 32.2997, 0.3545, 0.2988 looks on a white background.

Color Contrast Check

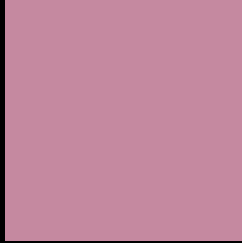
Large Text (above 18pt) WCAG AA × Fail

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 32.2997, 0.3545, 0.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

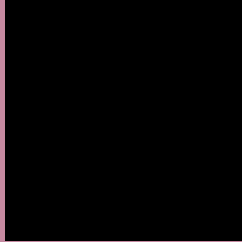
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2997, 0.3545, 0.2988

Background



This preview shows how black text looks on a background with the Yxy color 32.2997, 0.3545, 0.2988.



This preview shows how white text looks on a background with the Yxy color 32.2997, 0.3545, 0.2988.

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

32.2997, 0.3545, 0.2988

Protanopia

32.4570, 0.2974, 0.3037

Deuteranopia

32.6061, 0.3235, 0.3174



Tritanopia

32.3709, 0.3651, 0.3158

Trichromacy



Original Color

32.2997, 0.3545, 0.2988

Protanomaly

32.0556, 0.3171, 0.3018

Deuteranomaly

32.3377, 0.3346, 0.3094

Tritanomaly

32.2126, 0.3609, 0.3092

Monochromacy



Original Color

32.2997, 0.3545, 0.2988

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.0866, 0.3266, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2997, 0.3545, 0.2988 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, 137, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 137, 160)  
}
```

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, 137, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 137, 160) }
```

Border

The CSS property to change the border of an element to Yxy 32.2997, 0.3545, 0.2988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

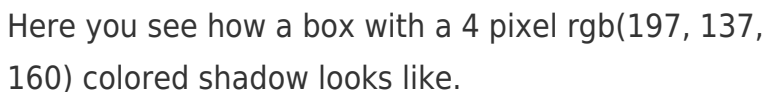
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 137, 160) }
```

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

```
.border{ border-color:rgb(197, 137, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 137, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 137, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 137, 160); box-shadow:4px 4px 4px 4px rgb(197, 137, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2997, 0.3545, 0.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 137, 160) }
```

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

```
.background{ background-color: rgb(197,  
137, 160) }
```

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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