

Converting Colors

$Y_{xy}(34.5562, 0.2908, 0.2793)$

Have a look what the booklet for
Yxy(34.5562, 0.2908, 0.2793)
contains.

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Color

Yxy(34.6778, 0.2915, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	A49ABD
RGB	164, 154, 189
RGB Percent	64%, 60%, 74%
CMY	0.3569, 0.3961, 0.2588
CMYK	0.13, 0.19, 0.00, 0.26
HSL	257°, 21%, 67%
HSV	257°, 19%, 74%
XYZ	36.0506, 34.6778, 52.9442
YIQ	160.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

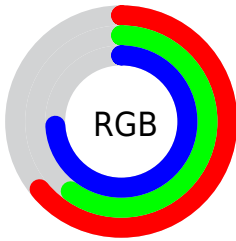
Format	Color
RYB	164, 154, 189
Decimal	10787517
CIELab	65.50, 10.65, -16.76
CIELCh	65, 19.858, 302.441
Yxy	34.6778, 0.2915, 0.2804
Android (android.graphics.Color)	4288977597 (0xFFA49ABD)
YUV	160.9800, 13.8139, 2.6485
Hunter-Lab	58.8879, 6.2222, -12.0843

Details

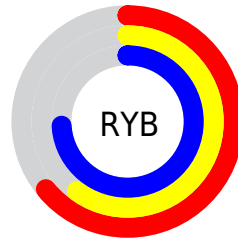
The Yxy color $34.6778, 0.2915, 0.2804$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $48.3204, 0.3315, 0.3757$, and the grayscale version is $35.5679, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.7644, 0.2959, 0.2894$, and $14.9228, 0.2841, 0.2654$ is the 20% darker color. If you saturate the color by 10%, you get $27.5617, 0.2777, 0.2507$, and if you desaturate by 10%, it is $42.9319, 0.3037, 0.3078$.

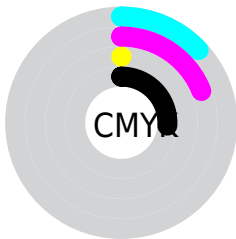
Distribution



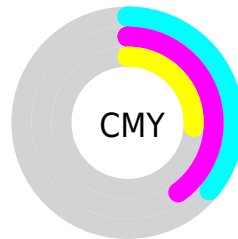
- Red (64%)
- Green (60%)
- Blue (74%)



- Red (64%)
- Yellow (60%)
- Blue (74%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6778, 0.2915, 0.2804 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 34.6778, 0.2915, 0.2804 by changing the saturation by 10% instead.

■ 34.6778, 0.2915,
0.2804

■ 34.6778, 0.2915,
0.2804

■ 323.1439, 0.3028,
0.3052

■ 23.4148, 0.2885,
0.2741

■ 66.9863, 0.2958,
0.2895

■ 14.9001, 0.2844,
0.2659

■ 88.8006, 0.2973,
0.2929

■ 8.7493, 0.2789,
0.2549

■ 114.9008, 0.2986,
0.2957

■ 4.5780, 0.2706,
0.2394

■ 145.6713, 0.2997,
0.2982

■ 2.0019, 0.2574,
0.2159

■ 181.4964, 0.3006,
0.3003

■ 0.6086, 0.2349,
0.1705

■ 222.7606, 0.3014,

■ 0.0000, 0.0000,

0.3021

0.0000

269.8483, 0.3022,
0.3037

■ 34.6778, 0.2915,
0.2804

■ 34.6778, 0.2915,
0.2804

■ 27.5617, 0.2777,
0.2507

■ 42.9319, 0.3037,
0.3078

■ 21.5286, 0.2623,
0.2191

■ 52.3669, 0.3142,
0.3325

■ 16.5255, 0.2456,
0.1868

■ 63.0291, 0.3232,
0.3546

■ 12.4930, 0.2283,
0.1553

■ 74.9606, 0.3308,
0.3741

■ 9.3656, 0.2110,
0.1263

■ 88.2019, 0.3373,
0.3913

■ 7.0694, 0.1949,
0.1019

■ 94.6146, 0.3453,
0.3954

■ 5.5182, 0.1810,
0.0835

■ 96.4547, 0.3520,
0.3939

■ 4.5741, 0.1698,
0.0716

■ 4.4571, 0.1683,
0.0701

Harmonies

Analogous

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



34.6778, 0.2677, 0.2797



34.6778, 0.2915, 0.2804



34.6778, 0.3221, 0.2926

Triad

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



34.6778, 0.2915, 0.2804



34.6778, 0.3727, 0.3629



34.6778, 0.2746, 0.3440

Complementary

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



34.6778, 0.2915, 0.2804



48.3204, 0.3315, 0.3757

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.



34.6778, 0.3013, 0.3699



34.6778, 0.2915, 0.2804



34.6778, 0.3583, 0.3798

Square

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



34.6778, 0.2915, 0.2804



34.6778, 0.3702, 0.3387



34.6778, 0.3320, 0.3831



34.6778, 0.2584, 0.3148

Rectangle

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



34.6778, 0.2915, 0.2804



34.6778, 0.3423, 0.3058



34.6778, 0.3320, 0.3831



34.6778, 0.2826, 0.3535

Sweetspot

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



34.6792, 0.2915, 0.2804



80.7801, 0.3064, 0.3140



42.8229, 0.2845, 0.3152



17.1438, 0.3056, 0.3123



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.6792, 0.2915, 0.2804



56.9840, 0.2864, 0.2693



36.6629, 0.3077, 0.2827



9.3537, 0.3027, 0.3056



3.0325, 0.1694, 0.0707



0.1532, 0.1969, 0.0858

Inverse Universe

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



37.1888, 0.3240, 0.2962



62.2950, 0.3268, 0.2891



46.3724, 0.3166, 0.3779



9.6486, 0.3180, 0.3127



8.4712, 0.4079, 0.2021



0.3426, 0.3826, 0.1881

Previews

White Background



This preview shows how the Yxy color 34.6778, 0.2915, 0.2804 looks on a white background.

Color Contrast Check

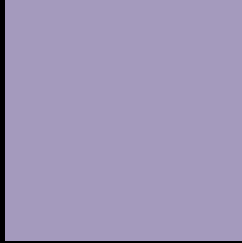
Large Text (above 18pt) WCAG AA × Fail

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 34.6778, 0.2915, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

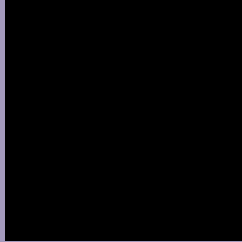
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6778, 0.2915, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 34.6778, 0.2915, 0.2804.



This preview shows how white text looks on a background with the Yxy color 34.6778, 0.2915, 0.2804.

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

34.6778, 0.2915, 0.2804

Protanopia

34.8907, 0.2796, 0.2821

Deuteranopia

34.5904, 0.2880, 0.2813



Tritanopia

34.5933, 0.3050, 0.3102

Trichromacy



Original Color

34.6778, 0.2915, 0.2804

Protanomaly

34.8996, 0.2838, 0.2824

Deuteranomaly

34.6939, 0.2889, 0.2815

Tritanomaly

34.6326, 0.2998, 0.2991

Monochromacy



Original Color

34.6778, 0.2915, 0.2804

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0754, 0.3050, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6778, 0.2915, 0.2804 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(164, 154, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 154, 189)  
}
```

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(164, 154, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 154, 189) }
```

Border

The CSS property to change the border of an element to Yxy 34.6778, 0.2915, 0.2804 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(164, 154, 189) }
```

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

```
.border{ border-color:rgb(164, 154, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 154, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 154, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 154, 189);  
box-shadow:4px 4px 4px 4px rgb(164, 154,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6778, 0.2915, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 154, 189) }
```

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

```
.background{ background-color: rgb(164,  
154, 189) }
```

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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