

Converting Colors

$Y_{xy}(26.0740, 0.3465, 0.2631)$

Have a look what the booklet for
Yxy(26.0740, 0.3465, 0.2631)
contains.

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Color

Yxy(26.0544, 0.3466, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	BF73A5
RGB	191, 115, 165
RGB Percent	75%, 45%, 65%
CMY	0.2509, 0.5491, 0.3528
CMYK	0.00, 0.40, 0.14, 0.25
HSL	321°, 37%, 60%
HSV	321°, 40%, 75%
XYZ	34.4148, 26.0544, 38.8234
YIQ	143.4240, 29.2460, 31.6620

Conversions

Conversions Part 2

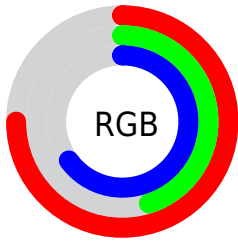
Format	Color
R_{YB}	191, 115, 165
Decimal	12546981
CIE _{Lab}	58.09, 37.03, -14.08
CIE _{LCh}	58, 39.614, 339.177
Yxy	26.0544, 0.3466, 0.2624
Android (android.graphics.Color)	4290737061 (0xFFBF73A5)
YUV	143.4240, 10.6370, 41.7242
Hunter-Lab	51.0435, 31.0231, -9.3652

Details

The Yxy color **26.0544, 0.3466, 0.2624** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.8404, 0.2900, 0.4072**, and the grayscale version is **27.5949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3123, 0.3405, 0.2751**, and **10.0933, 0.3577, 0.2412** is the 20% darker color. If you saturate the color by 10%, you get **21.9099, 0.3586, 0.2464**, and if you desaturate by 10%, it is **31.1161, 0.3361, 0.2793**.

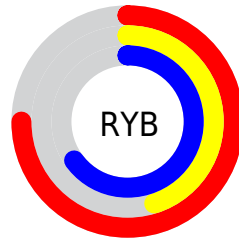
Distribution



Red (75%)

Green (45%)

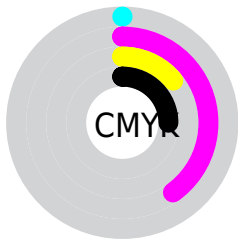
Blue (65%)



Red (75%)

Yellow (45%)

Blue (65%)

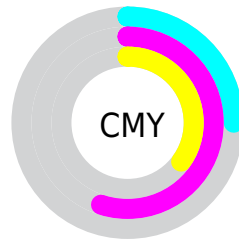


Cyan (0%)

Magenta (40%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (55%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0544, 0.3466, 0.2624 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 26.0544, 0.3466, 0.2624 by changing the saturation by 10% instead.


 26.0544, 0.3466,
0.2624


 26.0544, 0.3466,
0.2624


283.0490, 0.3290,
0.2970


 16.8643, 0.3512,
0.2534


 53.3627, 0.3400,
0.2753

 10.1378, 0.3573,
0.2416


 72.2497, 0.3376,
0.2800

 5.4904, 0.3656,
0.2255


 95.1379, 0.3356,
0.2840

 2.5378, 0.3776,
0.2025

122.4115, 0.3338,
0.2873

 0.8955, 0.3963,
0.1670

154.4550, 0.3324,
0.2903

 0.0000, 0.4824,
0.0000

191.6529, 0.3311,

 0.0000, 0.0000,

0.2928

0.0000

234.3894, 0.3300,
0.2950

■ 26.0544, 0.3466,
0.2624

■ 26.0544, 0.3466,
0.2624

■ 21.9099, 0.3586,
0.2464

■ 31.1161, 0.3361,
0.2793

■ 18.6226, 0.3718,
0.2324

■ 37.1430, 0.3269,
0.2965

■ 16.1311, 0.3862,
0.2214


■ 44.1838, 0.3192,
0.3133

■ 14.3642, 0.4011,
0.2145

■ 52.2832, 0.3126,
0.3293

■ 13.2377, 0.4160,
0.2125

■ 61.4829, 0.3071,
0.3444


 12.5899, 0.4308,
0.2148

 71.8226, 0.3025,
0.3585

 12.5787, 0.4310,
0.2148

 83.3398, 0.2986,
0.3714

 87.6245, 0.2952,
0.3705

 87.9719, 0.2917,
0.3631

Harmonies

Analogous

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



26.0544, 0.2791, 0.2342



26.0544, 0.3466, 0.2624



26.0544, 0.4099, 0.3049

Triad

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



26.0544, 0.3466, 0.2624



26.0544, 0.3963, 0.4427



26.0544, 0.1969, 0.2806

Complementary

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



26.0544, 0.3466, 0.2624



42.8404, 0.2900, 0.4072

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.



26.0544, 0.2214, 0.3447



26.0544, 0.3466, 0.2624



26.0544, 0.3350, 0.4502

Square

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



26.0544, 0.3466, 0.2624



26.0544, 0.4377, 0.4046



26.0544, 0.2710, 0.4126



26.0544, 0.1992, 0.2400

Rectangle

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



26.0544, 0.3466, 0.2624



26.0544, 0.4372, 0.3379



26.0544, 0.2710, 0.4126



26.0544, 0.2021, 0.2999

Sweetspot

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



26.0556, 0.3466, 0.2624



75.9347, 0.3209, 0.3093



21.6254, 0.2638, 0.2160



16.2983, 0.3219, 0.3071



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.0556, 0.3466, 0.2624



39.9317, 0.3572, 0.2480



24.8877, 0.3945, 0.3118



9.6393, 0.3188, 0.3140



8.2794, 0.4292, 0.2138



0.3361, 0.3971, 0.1961

Inverse Universe

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



26.0556, 0.3466, 0.2624



39.9317, 0.3572, 0.2480



44.1462, 0.2660, 0.3477



9.6393, 0.3188, 0.3140



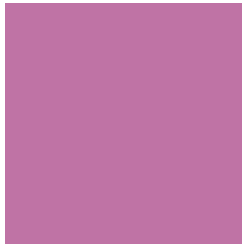
8.2794, 0.4292, 0.2138



0.3361, 0.3971, 0.1961

Previews

White Background



This preview shows how the Yxy color 26.0544, 0.3466, 0.2624 looks on a white background.

Color Contrast Check

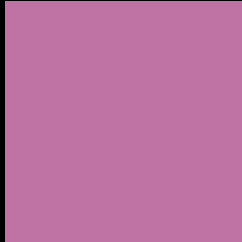
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0544, 0.3466, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

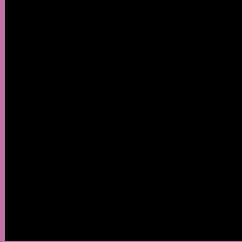
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0544, 0.3466, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 26.0544, 0.3466, 0.2624.



This preview shows how white text looks on a background with the Yxy color 26.0544, 0.3466, 0.2624.

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

26.0544, 0.3466, 0.2624

Protanopia

26.1803, 0.2647, 0.2617

Deuteranopia

26.3938, 0.2965, 0.2911



Tritanopia

26.1226, 0.3823, 0.3165

Trichromacy



Original Color

26.0544, 0.3466, 0.2624

Protanomaly

25.7358, 0.2913, 0.2615

Deuteranomaly

25.8862, 0.3139, 0.2795

Tritanomaly

25.8682, 0.3693, 0.2958

Monochromacy



Original Color

26.0544, 0.3466, 0.2624

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.4830, 0.3241, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0544, 0.3466, 0.2624 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(191, 115, 165)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 165)  
}
```

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(191, 115, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 165) }
```

Border

The CSS property to change the border of an element to Yxy 26.0544, 0.3466, 0.2624 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(191, 115, 165) }
```

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

```
.border{ border-color:rgb(191, 115, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 115, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 115, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 115, 165); box-shadow:4px 4px 4px 4px rgb(191, 115, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0544, 0.3466, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 165) }
```

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

```
.background{ background-color: rgb(191,  
115, 165) }
```

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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