

Converting Colors

$Y_{xy}(21.1605, 0.3549, 0.2605)$

Have a look what the booklet for
Yxy(21.1605, 0.3549, 0.2605)
contains.

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Color

Yxy(21.0931, 0.3538, 0.2596)

Conversions

Conversions Part 1

Format	Color
Hex	B36596
RGB	179, 101, 150
RGB Percent	70%, 40%, 59%
CMY	0.2981, 0.6039, 0.4117
CMYK	0.00, 0.44, 0.16, 0.30
HSL	322°, 34%, 55%
HSV	322°, 44%, 70%
XYZ	28.7471, 21.0931, 31.4121
YIQ	129.9080, 30.7590, 31.7750

Conversions

Conversions Part 2

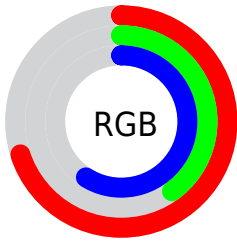
Format	Color
R_{YB}	179, 101, 150
Decimal	11756950
CIE _{Lab}	53.05, 37.99, -13.10
CIE _{LCh}	53, 40.186, 340.976
Yxy	21.0931, 0.3538, 0.2596
Android (android.graphics.Color)	4289947030 (0xFFB36596)
YUV	129.9080, 9.9054, 43.0537
Hunter-Lab	45.9272, 31.3552, -8.4026

Details

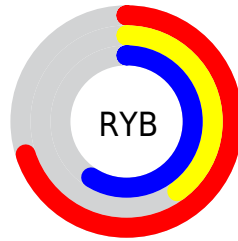
The Yxy color $21.0931, 0.3538, 0.2596$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $36.6140, 0.2868, 0.4115$, and the grayscale version is $22.2462, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.3037, 0.3453, 0.2742$, and $7.5536, 0.3678, 0.2365$ is the 20% darker color. If you saturate the color by 10%, you get $17.7799, 0.3674, 0.2449$, and if you desaturate by 10%, it is $25.1773, 0.3418, 0.2756$.

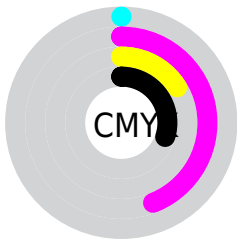
Distribution



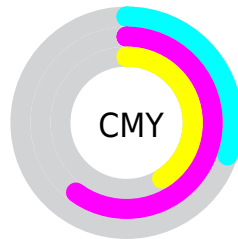
- Red (70%)
- Green (40%)
- Blue (59%)



- Red (70%)
- Yellow (40%)
- Blue (59%)



- Cyan (0%)
- Magenta (44%)
- Yellow (16%)
- Black (30%)





- Cyan (30%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0931, 0.3538, 0.2596 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 21.0931, 0.3538, 0.2596 by changing the saturation by 10% instead.


 21.0931, 0.3538,
0.2596


 21.0931, 0.3538,
0.2596


257.7729, 0.3316,
0.2968


 13.1921, 0.3599,
0.2495


 45.2424, 0.3453,
0.2737


 7.5609, 0.3682,
0.2360


 62.2595, 0.3422,
0.2788

 3.8153, 0.3800,
0.2171


 83.0841, 0.3397,
0.2831

 1.5708, 0.3978,
0.1890

 108.1005, 0.3376,
0.2867

 0.3378, 0.4428,
0.1135

137.6932, 0.3357,
0.2897

 0.0000, 0.7151,
0.0000

172.2466, 0.3342,

 0.0000, 0.0000,

0.2924

0.0000

212.1450, 0.3328,
0.2947

■ 21.0931, 0.3538,
0.2596

■ 21.0931, 0.3538,
0.2596

■ 17.7799, 0.3674,
0.2449

■ 25.1773, 0.3418,
0.2756

■ 15.1850, 0.3824,
0.2324

■ 30.0749, 0.3314,
0.2919

■ 13.2535, 0.3985,
0.2233


■ 35.8288, 0.3226,
0.3081

■ 11.9214, 0.4151,
0.2186


■ 42.4779, 0.3151,
0.3237

■ 11.1119, 0.4316,
0.2189

■ 50.0587, 0.3088,
0.3384

 10.7623, 0.4422,
0.2210

 58.6057, 0.3036,
0.3521

 68.1517, 0.2992,
0.3648

 78.7278, 0.2956,
0.3765

 85.7493, 0.2923,
0.3800

Harmonies

Analogous

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



21.0931, 0.2801, 0.2284



21.0931, 0.3538, 0.2596



21.0931, 0.4219, 0.3055

Triad

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



21.0931, 0.3538, 0.2596



21.0931, 0.3987, 0.4536



21.0931, 0.1875, 0.2723

Complementary

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



21.0931, 0.3538, 0.2596



36.6140, 0.2868, 0.4115

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.



21.0931, 0.2115, 0.3410



21.0931, 0.3538, 0.2596



21.0931, 0.3316, 0.4608

Square

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



21.0931, 0.3538, 0.2596



21.0931, 0.4460, 0.4123



21.0931, 0.2631, 0.4169



21.0931, 0.1918, 0.2310

Rectangle

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



21.0931, 0.3538, 0.2596



21.0931, 0.4499, 0.3408



21.0931, 0.2631, 0.4169



21.0931, 0.1923, 0.2926

Sweetspot

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



21.0941, 0.3538, 0.2596



64.5624, 0.3223, 0.3086



17.2784, 0.2610, 0.2056



13.7708, 0.3241, 0.3051



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



21.0941, 0.3538, 0.2596



32.2135, 0.3664, 0.2458



20.0487, 0.4094, 0.3141



8.5921, 0.3192, 0.3148



7.6193, 0.4404, 0.2200



0.2506, 0.3991, 0.1972

Inverse Universe

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



21.0941, 0.3538, 0.2596



32.2135, 0.3664, 0.2458



37.8517, 0.2610, 0.3454



8.5921, 0.3192, 0.3148



7.6193, 0.4404, 0.2200



0.2506, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 21.0931, 0.3538, 0.2596 looks on a white background.

Color Contrast Check

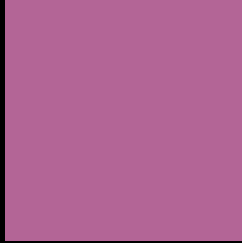
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0931, 0.3538, 0.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

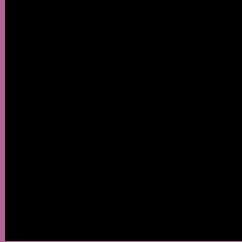
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0931, 0.3538, 0.2596

Background



This preview shows how black text looks on a background with the Yxy color 21.0931, 0.3538, 0.2596.



This preview shows how white text looks on a background with the Yxy color 21.0931, 0.3538, 0.2596.

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

21.0931, 0.3538, 0.2596

Protanopia

21.4247, 0.2619, 0.2593

Deuteranopia

21.2365, 0.2959, 0.2909



Tritanopia

21.1000, 0.3938, 0.3172

Trichromacy



Original Color

21.0931, 0.3538, 0.2596

Protanomaly

20.7848, 0.2904, 0.2575

Deuteranomaly

20.8933, 0.3163, 0.2786

Tritanomaly

20.8918, 0.3794, 0.2952

Monochromacy



Original Color

21.0931, 0.3538, 0.2596

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.2957, 0.3277, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0931, 0.3538, 0.2596 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(179, 101, 150)` looks like.

```
.text, #text, p{  
    color:rgb(179, 101, 150)  
}
```

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(179, 101, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 101, 150) }
```

Border

The CSS property to change the border of an element to Yxy 21.0931, 0.3538, 0.2596 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(179, 101, 150) }
```

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

```
.border{ border-color:rgb(179, 101, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 101, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 101, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 101, 150);  
box-shadow:4px 4px 4px 4px rgb(179, 101,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0931, 0.3538, 0.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 101, 150) }
```

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

```
.background{ background-color: rgb(179,  
101, 150) }
```

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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