

Converting Colors

$Y_{xy}(21.4268, 0.3358, 0.2716)$

Have a look what the booklet for
Yxy(21.4268, 0.3358, 0.2716)
contains.

Yxy(21.5381, 0.3355, 0.2714)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.5381, 0.3355, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	A56F95
RGB	165, 111, 149
RGB Percent	65%, 44%, 58%
CMY	0.3530, 0.5647, 0.4156
CMYK	0.00, 0.33, 0.10, 0.35
HSL	318°, 23%, 54%
HSV	318°, 33%, 65%
XYZ	26.6250, 21.5381, 31.1961
YIQ	131.4780, 19.9860, 23.2660

Conversions

Conversions Part 2

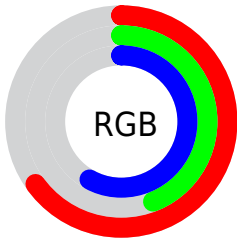
Format	Color
R_{YB}	165, 111, 149
Decimal	10842005
CIE _{Lab}	53.53, 27.44, -11.96
CIE _{LCh}	54, 29.937, 336.445
Yxy	21.5381, 0.3355, 0.2714
Android (android.graphics.Color)	4289032085 (0xFFA56F95)
YUV	131.4780, 8.6383, 29.3988
Hunter-Lab	46.4092, 21.1898, -7.3682

Details

The Yxy color **21.5381, 0.3355, 0.2714** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **31.8163, 0.2957, 0.3947**, and the grayscale version is **22.8407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8783, 0.3313, 0.2830**, and **7.7718, 0.3436, 0.2517** is the 20% darker color. If you saturate the color by 10%, you get **18.1121, 0.3448, 0.2538**, and if you desaturate by 10%, it is **25.6376, 0.3273, 0.2894**.

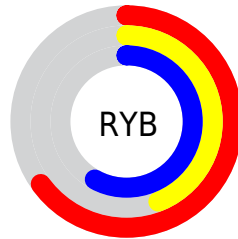
Distribution



Red (65%)

Green (44%)

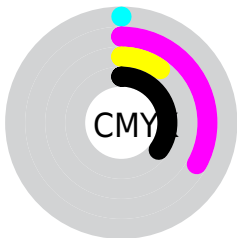
Blue (58%)



Red (65%)

Yellow (44%)

Blue (58%)

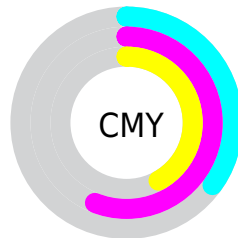


Cyan (0%)

Magenta (33%)

Yellow (10%)

Black (35%)



Cyan (35%)


Magenta (56%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5381, 0.3355, 0.2714 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 21.5381, 0.3355, 0.2714 by changing the saturation by 10% instead.


 21.5381, 0.3355,
0.2714


 21.5381, 0.3355,
0.2714


260.1245, 0.3233,
0.3025


 13.5179, 0.3388,
0.2628


 45.9814, 0.3309,
0.2833

 7.7861, 0.3433,
0.2513


 63.1733, 0.3292,
0.2876

 3.9584, 0.3495,
0.2349

 84.1911, 0.3278,
0.2911

 1.6503, 0.3588,
0.2102

 109.4194, 0.3266,
0.2941

 0.3912, 0.3857,
0.1426

139.2425, 0.3256,
0.2967

 0.0000, 0.0000,
0.0000

174.0448, 0.3247,

0.2989

214.2107, 0.3240,
0.3008

■ 21.5381, 0.3355,
0.2714

■ 21.5381, 0.3355,
0.2714

■ 18.1121, 0.3448,
0.2538

■ 25.6376, 0.3273,
0.2894

■ 15.3199, 0.3552,
0.2375

■ 30.4415, 0.3202,
0.3073

■ 13.1222, 0.3666,
0.2233


■ 35.9825, 0.3142,
0.3245


■ 11.4740, 0.3787,
0.2125


■ 42.2903, 0.3091,
0.3408


■ 10.3239, 0.3910,
0.2057

■ 49.3929, 0.3048,
0.3561


 9.6109, 0.4032,
0.2037

 57.3170, 0.3012,
0.3702

 9.2630, 0.4121,
0.2044

 66.0879, 0.2981,
0.3832

 75.7300, 0.2956,
0.3952

 83.3651, 0.2934,
0.4017

Harmonies

Analogous

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



21.5381, 0.2814, 0.2490



21.5381, 0.3355, 0.2714



21.5381, 0.3870, 0.3065

Triad

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



21.5381, 0.3355, 0.2714



21.5381, 0.3858, 0.4199



21.5381, 0.2182, 0.2952

Complementary

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



21.5381, 0.3355, 0.2714



31.8163, 0.2957, 0.3947

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.



21.5381, 0.2414, 0.3475



21.5381, 0.3355, 0.2714



21.5381, 0.3371, 0.4261

Square

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



21.5381, 0.3355, 0.2714



21.5381, 0.4162, 0.3894



21.5381, 0.2842, 0.3989



21.5381, 0.2178, 0.2589

Rectangle

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



21.5381, 0.3355, 0.2714



21.5381, 0.4106, 0.3341



21.5381, 0.2842, 0.3989



21.5381, 0.2234, 0.3114

Sweetspot

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



21.5391, 0.3355, 0.2714



56.9164, 0.3186, 0.3117



18.5455, 0.2718, 0.2386



12.1669, 0.3195, 0.3094



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



21.5391, 0.3355, 0.2714



34.1638, 0.3419, 0.2590



20.7911, 0.3701, 0.3108



7.1663, 0.3180, 0.3133



7.0181, 0.4109, 0.2037



0.1551, 0.3718, 0.1822

Inverse Universe

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



21.5391, 0.3355, 0.2714



34.1638, 0.3419, 0.2590



32.5942, 0.2755, 0.3483



7.1663, 0.3180, 0.3133



7.0181, 0.4109, 0.2037



0.1551, 0.3718, 0.1822

Previews

White Background



This preview shows how the Yxy color 21.5381, 0.3355, 0.2714 looks on a white background.

Color Contrast Check

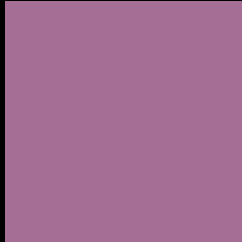
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5381, 0.3355, 0.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

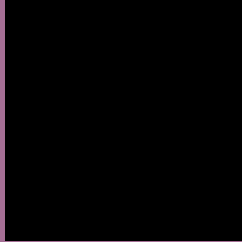
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5381, 0.3355, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 21.5381, 0.3355, 0.2714.



This preview shows how white text looks on a background with the Yxy color 21.5381, 0.3355, 0.2714.

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

21.5381, 0.3355, 0.2714

Protanopia

21.7099, 0.2720, 0.2724

Deuteranopia

21.6481, 0.2982, 0.2930



Tritanopia

21.6274, 0.3626, 0.3164

Trichromacy



Original Color

21.5381, 0.3355, 0.2714

Protanomaly

21.3093, 0.2923, 0.2709

Deuteranomaly

21.4688, 0.3112, 0.2845

Tritanomaly

21.5146, 0.3528, 0.2993

Monochromacy



Original Color

21.5381, 0.3355, 0.2714

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.0899, 0.3198, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5381, 0.3355, 0.2714 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(165, 111, 149)` looks like.

```
.text, #text, p{  
    color:rgb(165, 111, 149)  
}
```

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(165, 111, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 111, 149) }
```

Border

The CSS property to change the border of an element to Yxy 21.5381, 0.3355, 0.2714 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(165, 111, 149) }
```

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

```
.border{ border-color:rgb(165, 111, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 111, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 111, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 111, 149);  
box-shadow:4px 4px 4px 4px rgb(165, 111,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5381, 0.3355, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 111, 149) }
```

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

```
.background{ background-color: rgb(165,  
111, 149) }
```

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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