

Converting Colors

$Y_{xy}(14.2277, 0.2131, 0.1572)$

Have a look what the booklet for
Yxy(14.2277, 0.2131, 0.1572)
contains.

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Color

Yxy(14.2959, 0.2132, 0.1578)

Conversions

Conversions Part 1

Format	Color
Hex	625BC9
RGB	98, 91, 201
RGB Percent	38%, 36%, 79%
CMY	0.6158, 0.6431, 0.2119
CMYK	0.51, 0.55, 0.00, 0.21
HSL	244°, 50%, 57%
HSV	244°, 55%, 79%
XYZ	19.3149, 14.2959, 56.9843
YIQ	105.6330, -31.1380, 35.6940

Conversions

Conversions Part 2

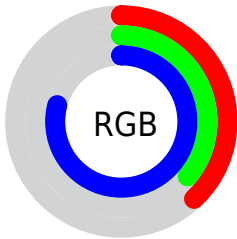
Format	Color
R_{YB}	98, 91, 201
Decimal	6446025
CIE _{Lab}	44.65, 32.52, -56.60
CIE _{LCh}	45, 65.274, 299.880
Yxy	14.2959, 0.2132, 0.1578
Android (android.graphics.Color)	4284636105 (0xFF625BC9)
YUV	105.6330, 47.0159, -6.6941
Hunter-Lab	37.8099, 25.0178, -62.8905

Details

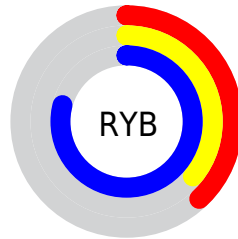
The Yxy color **14.2959, 0.2132, 0.1578** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **53.9917, 0.3850, 0.4616**, and the grayscale version is **14.1830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2383, 0.2373, 0.1919**, and **4.3094, 0.1758, 0.1111** is the 20% darker color. If you saturate the color by 10%, you get **10.3807, 0.1935, 0.1254**, and if you desaturate by 10%, it is **19.3783, 0.2339, 0.1925**.

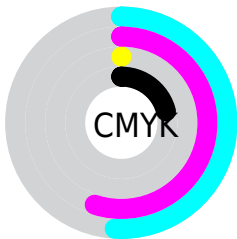
Distribution



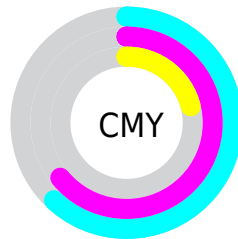
- Red (38%)
- Green (36%)
- Blue (79%)



- Red (38%)
- Yellow (36%)
- Blue (79%)



- Cyan (51%)
- Magenta (55%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (64%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2959, 0.2132, 0.1578 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 14.2959, 0.2132, 0.1578 by changing the saturation by 10% instead.

■ 14.2959, 0.2132,
0.1578

■ 14.2959, 0.2132,
0.1578

■ 219.0639, 0.2706,
0.2459

■ 8.3268, 0.1971,
0.1367

■ 33.6131, 0.2356,
0.1895

■ 4.3047, 0.1757,
0.1109

■ 47.7300, 0.2436,
0.2016

■ 1.8454, 0.1470,
0.0799

■ 65.3316, 0.2501,
0.2119

■ 0.5153, 0.1088,
0.0411

■ 86.8023, 0.2556,
0.2206

■ 0.0000, 0.0388,
0.0000

■ 112.5265, 0.2602,
0.2282

■ 0.0000, 0.0000,
0.0000

142.8886, 0.2642,

0.2349

178.2729, 0.2676,
0.2407

■ 14.2959, 0.2132,
0.1578

■ 14.2959, 0.2132,
0.1578

■ 10.3807, 0.1935,
0.1254

■ 19.3783, 0.2339,
0.1925

■ 7.5386, 0.1763,
0.0978

■ 25.7093, 0.2543,
0.2272

■ 5.6630, 0.1631,
0.0772

■ 33.3647, 0.2734,
0.2601

■ 4.6249, 0.1545,
0.0650

■ 42.4137, 0.2908,
0.2903

■ 4.2991, 0.1518,
0.0610

■ 52.9207, 0.3062,
0.3174

■ 64.9463, 0.3196,
0.3412

■ 78.5474, 0.3312,
0.3619

■ 93.7780, 0.3411,
0.3798

■ 96.9959, 0.3448,
0.3820

Harmonies

Analogous

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



14.2959, 0.1435, 0.1512



14.2959, 0.2132, 0.1578



14.2959, 0.3302, 0.1932

Triad

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



14.2959, 0.2132, 0.1578



14.2959, 0.5505, 0.4064



14.2959, 0.1615, 0.4022

Complementary

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



14.2959, 0.2132, 0.1578



53.9917, 0.3850, 0.4616

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.



14.2959, 0.2530, 0.5522



14.2959, 0.2132, 0.1578



14.2959, 0.4738, 0.4977

Square

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



14.2959, 0.2132, 0.1578



14.2959, 0.5578, 0.3260



14.2959, 0.3660, 0.5736



14.2959, 0.1169, 0.2557

Rectangle

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



14.2959, 0.2132, 0.1578



14.2959, 0.4248, 0.2312



14.2959, 0.3660, 0.5736



14.2959, 0.1874, 0.4595

Sweetspot

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



14.2963, 0.2132, 0.1578



70.1317, 0.2883, 0.2860



45.6859, 0.2421, 0.3208



14.2921, 0.2847, 0.2798



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.



14.2963, 0.2132, 0.1578



16.5470, 0.1894, 0.1187



18.3287, 0.2639, 0.1783



10.3189, 0.2992, 0.3052



2.7180, 0.1522, 0.0612



0.1401, 0.1601, 0.0656

Inverse Universe

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



23.7967, 0.3266, 0.2069



34.5826, 0.3299, 0.1870



48.1367, 0.3393, 0.4851



10.8046, 0.3147, 0.3076



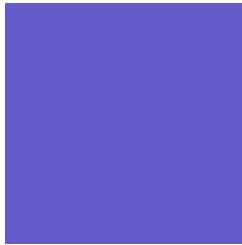
10.1043, 0.3372, 0.1631



0.4820, 0.3335, 0.1611

Previews

White Background



This preview shows how the Yxy color 14.2959, 0.2132, 0.1578 looks on a white 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

Black Background



This preview shows how the Yxy color 14.2959, 0.2132, 0.1578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

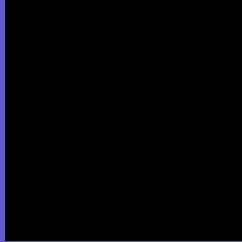
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2959, 0.2132, 0.1578

Background



This preview shows how black text looks on a background with the Yxy color 14.2959, 0.2132, 0.1578.



This preview shows how white text looks on a background with the Yxy color 14.2959, 0.2132, 0.1578.

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

14.2959, 0.2132, 0.1578

Protanopia

14.4758, 0.1782, 0.1512

Deuteranopia

14.3992, 0.1839, 0.1820



Tritanopia

14.3853, 0.2573, 0.3086

Trichromacy



Original Color

14.2959, 0.2132, 0.1578

Protanomaly

14.0195, 0.1853, 0.1513

Deuteranomaly

13.7281, 0.1862, 0.1692

Tritanomaly

13.8965, 0.2377, 0.2370

Monochromacy



Original Color

14.2959, 0.2132, 0.1578

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.1140, 0.2674, 0.2507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2959, 0.2132, 0.1578 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(98, 91, 201)` looks like.

```
.text, #text, p{  
    color:rgb(98, 91, 201)  
}
```

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(98, 91, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 91, 201) }
```

Border

The CSS property to change the border of an element to Yxy 14.2959, 0.2132, 0.1578 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(98, 91, 201) }
```

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

```
.border{ border-color:rgb(98, 91, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 91, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 91, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 91, 201);  
box-shadow:4px 4px 4px 4px rgb(98, 91,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2959, 0.2132, 0.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 91, 201) }
```

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

```
.background{ background-color: rgb(98, 91,  
201) }
```

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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