

Converting Colors

$Y_{xy}(14.1621, 0.2214, 0.1244)$

Have a look what the booklet for
Yxy(14.1621, 0.2214, 0.1244)
contains.

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Color

Yxy(14.2073, 0.2210, 0.1243)

Conversions

Conversions Part 1

Format	Color
Hex	8341E4
RGB	131, 65, 228
RGB Percent	51%, 25%, 89%
CMY	0.4862, 0.7452, 0.1058
CMYK	0.43, 0.72, 0.00, 0.11
HSL	264°, 75%, 57%
HSV	264°, 72%, 89%
XYZ	25.2600, 14.2073, 74.8312
YIQ	103.3160, -12.9870, 64.6850

Conversions

Conversions Part 2

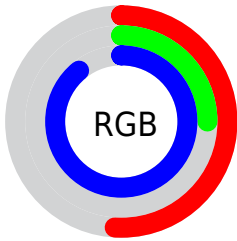
Format	Color
R _{YB}	131, 65, 228
Decimal	8602084
CIE _{Lab}	44.53, 60.57, -72.14
CIE _{LCh}	45, 94.191, 310.017
Yxy	14.2073, 0.2210, 0.1243
Android (android.graphics.Color)	4286792164 (0xFF8341E4)
YUV	103.3160, 61.4692, 24.2789
Hunter-Lab	37.6926, 53.6611, -91.3239

Details

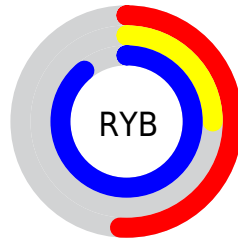
The Yxy color **14.2073, 0.2210, 0.1243** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **63.5630, 0.3570, 0.5205**, and the grayscale version is **13.4866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.1240, 0.2614, 0.1778**, and **4.2641, 0.1866, 0.0805** is the 20% darker color. If you saturate the color by 10%, you get **11.0849, 0.2065, 0.1029**, and if you desaturate by 10%, it is **18.5281, 0.2363, 0.1505**.

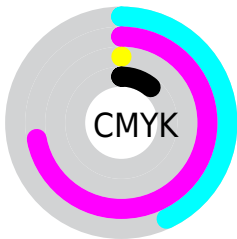
Distribution



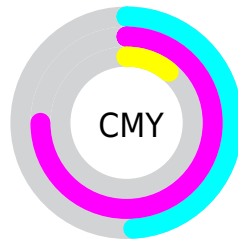
- Red (51%)
- Green (25%)
- Blue (89%)



- Red (51%)
- Yellow (25%)
- Blue (89%)



- Cyan (43%)
- Magenta (72%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (75%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2073, 0.2210, 0.1243 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 14.2073, 0.2210, 0.1243 by changing the saturation by 10% instead.


 14.2073, 0.2210,
0.1243


 14.2073, 0.2210,
0.1243


218.5167, 0.2752,
0.2215


 8.2650, 0.2059,
0.1038


 33.4564, 0.2421,
0.1572


 4.2650, 0.1863,
0.0802


 47.5320, 0.2497,
0.1704


 1.8229, 0.1603,
0.0542

 65.0874, 0.2559,
0.1818

 0.5014, 0.1263,
0.0251

 86.5072, 0.2611,
0.1918

 0.0000, 0.0828,
0.0000

 112.1755, 0.2654,
0.2006

 0.0000, 0.0000,
0.0000

142.4770, 0.2692,

0.2084

177.7959, 0.2724,
0.2153

■ 14.2073, 0.2210,
0.1243

■ 14.2073, 0.2210,
0.1243

■ 11.0849, 0.2065,
0.1029

■ 18.5281, 0.2363,
0.1505

■ 9.0182, 0.1935,
0.0875

■ 24.1647, 0.2516,
0.1800

■ 7.8980, 0.1840,
0.0787

■ 31.2214, 0.2662,
0.2110

■ 39.7912, 0.2797,
0.2419

■ 49.9592, 0.2918,
0.2718

61.8039, 0.3024,
0.2997

75.3985, 0.3115,
0.3253

90.8120, 0.3192,
0.3485

98.0272, 0.3273,
0.3553

Harmonies

Analogous

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



14.2073, 0.1204, 0.1055



14.2073, 0.2210, 0.1243



14.2073, 0.3990, 0.1748

Triad

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



14.2073, 0.2210, 0.1243



14.2073, 0.5740, 0.4260



14.2073, 0.0865, 0.3400

Complementary

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



14.2073, 0.2210, 0.1243



63.5630, 0.3570, 0.5205

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.



14.2073, 0.1677, 0.6119



14.2073, 0.2210, 0.1243



14.2073, 0.4390, 0.5610

Square

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



14.2073, 0.2210, 0.1243



14.2073, 0.6466, 0.3271



14.2073, 0.2961, 0.6882



14.2073, 0.0636, 0.1768

Rectangle

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



14.2073, 0.2210, 0.1243



14.2073, 0.5344, 0.2230



14.2073, 0.2961, 0.6882



14.2073, 0.1061, 0.4278

Sweetspot

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



14.2077, 0.2210, 0.1243



64.9143, 0.2922, 0.2729



32.8513, 0.2084, 0.2341



13.0648, 0.2890, 0.2648



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.



14.2077, 0.2210, 0.1243



12.7893, 0.1997, 0.0944



23.3362, 0.3027, 0.1644



14.1707, 0.3043, 0.3052



4.6243, 0.1855, 0.0796



0.3948, 0.2019, 0.0886

Inverse Universe

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



22.8836, 0.4051, 0.2294



25.2626, 0.4335, 0.2246



57.6461, 0.3083, 0.5532



14.5112, 0.3200, 0.3151



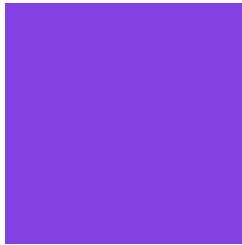
10.5687, 0.4557, 0.2284



0.7993, 0.4307, 0.2146

Previews

White Background



This preview shows how the Yxy color 14.2073, 0.2210, 0.1243 looks on a white background.

Color Contrast Check

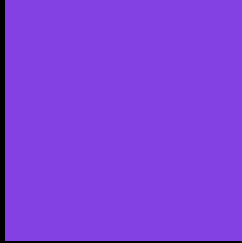
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2073, 0.2210, 0.1243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

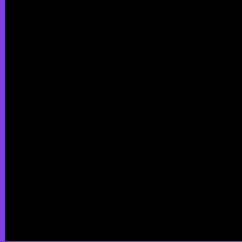
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2073, 0.2210, 0.1243

Background



This preview shows how black text looks on a background with the Yxy color 14.2073, 0.2210, 0.1243.



This preview shows how white text looks on a background with the Yxy color 14.2073, 0.2210, 0.1243.

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

14.2073, 0.2210, 0.1243

Protanopia

14.3578, 0.1746, 0.1484

Deuteranopia

14.2703, 0.1849, 0.1854



Tritanopia

14.0359, 0.3012, 0.3099

Trichromacy



Original Color

14.2073, 0.2210, 0.1243



Protanomaly

12.8876, 0.1775, 0.1301



Deuteranomaly

12.4997, 0.1835, 0.1472



Tritanomaly

13.2563, 0.2643, 0.2122

Monochromacy



Original Color

14.2073, 0.2210, 0.1243



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

12.7936, 0.2703, 0.2199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2073, 0.2210, 0.1243 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(131, 65, 228)` looks like.

```
.text, #text, p{  
    color:rgb(131, 65, 228)  
}
```

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(131, 65, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 65, 228) }
```

Border

The CSS property to change the border of an element to Yxy 14.2073, 0.2210, 0.1243 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(131, 65, 228) }
```

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

```
.border{ border-color:rgb(131, 65, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 65, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 65, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 65, 228);  
box-shadow:4px 4px 4px 4px rgb(131, 65,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2073, 0.2210, 0.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 65, 228) }
```

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

```
.background{ background-color: rgb(131, 65,  
228) }
```

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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