

Converting Colors

$Yxy(13.1547, 0.1701, 0.1281)$

Have a look what the booklet for
Yxy(13.1547, 0.1701, 0.1281)
contains.

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Color

Yxy(13.1295, 0.1700, 0.1278)

Conversions

Conversions Part 1

Format	Color
Hex	0E5CE0
RGB	14, 92, 224
RGB Percent	5%, 36%, 88%
CMY	0.9445, 0.6392, 0.1215
CMYK	0.94, 0.59, 0.00, 0.12
HSL	218°, 88%, 47%
HSV	218°, 94%, 88%
XYZ	17.4649, 13.1295, 72.1403
YIQ	83.7260, -88.8600, 24.5160

Conversions

Conversions Part 2

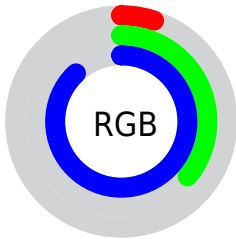
Format	Color
RYB	14, 71, 224
Decimal	941280
CIELab	42.96, 30.13, -72.70
CIELCh	43, 78.700, 292.510
Yxy	13.1295, 0.1700, 0.1278
Android (android.graphics.Color)	4279131360 (0xFF0E5CE0)
YUV	83.7260, 69.1551, -61.1497
Hunter-Lab	36.2347, 22.6254, -92.6775

Details

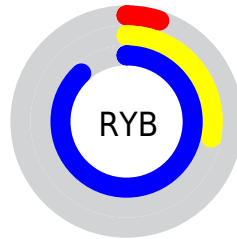
The Yxy color **13.1295, 0.1700, 0.1278** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **36.4909, 0.4960, 0.4401**, and the grayscale version is **8.6848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.7541, 0.2090, 0.1834**, and **4.9411, 0.1605, 0.0976** is the 20% darker color. If you saturate the color by 10%, you get **11.5823, 0.1655, 0.1158**, and if you desaturate by 10%, it is **16.0928, 0.1792, 0.1489**.

Distribution



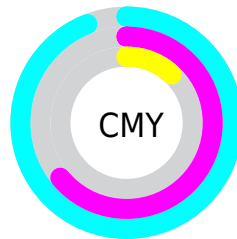
- Red (5%)
- Green (36%)
- Blue (88%)



- Red (5%)
- Yellow (28%)
- Blue (88%)



- Cyan (94%)
- Magenta (59%)
- Yellow (0%)
- Black (12%)





- Cyan (94%)
- Magenta (64%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1295, 0.1700, 0.1278 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 13.1295, 0.1700, 0.1278 by changing the saturation by 10% instead.


 13.1295, 0.1700,
0.1278


 13.1295, 0.1700,
0.1278


211.7460, 0.2484,
0.2278


 7.5178, 0.1503,
0.1059


 31.5362, 0.1991,
0.1624


 3.7880, 0.1258,
0.0807

 45.1001, 0.2100,
0.1761

 1.5557, 0.0959,
0.0528

 62.0833, 0.2191,
0.1878

 0.3274, 0.0614,
0.0189

 82.8705, 0.2268,
0.1980

 0.0000, 0.0000,
0.0000

 107.8460, 0.2334,
0.2069

137.3941, 0.2391,

0.2147

171.8993, 0.2440,
0.2216

■ 13.1295, 0.1700,
0.1278

■ 13.1295, 0.1700,
0.1278

■ 11.5823, 0.1655,
0.1158

■ 16.0928, 0.1792,
0.1489

■ 19.7860, 0.1913,
0.1721

■ 24.2718, 0.2059,
0.1964

■ 29.6037, 0.2222,
0.2208

■ 35.8301, 0.2395,
0.2446

■ 42.9948, 0.2571,
0.2670

■ 51.1387, 0.2745,
0.2877

■ 60.2998, 0.2913,
0.3065

■ 70.5140, 0.3071,
0.3233

Harmonies

Analogous

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



13.1295, 0.1070, 0.1273



13.1295, 0.1700, 0.1278



13.1295, 0.2914, 0.1586

Triad

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



13.1295, 0.1700, 0.1278



13.1295, 0.6004, 0.3763



13.1295, 0.1501, 0.4745

Complementary

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



13.1295, 0.1700, 0.1278



36.4909, 0.4960, 0.4401

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.



13.1295, 0.2600, 0.6374



13.1295, 0.1700, 0.1278



13.1295, 0.5170, 0.4830

Square

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



13.1295, 0.1700, 0.1278



13.1295, 0.5945, 0.2940



13.1295, 0.3925, 0.6031



13.1295, 0.0930, 0.2689

Rectangle

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



13.1295, 0.1700, 0.1278



13.1295, 0.4047, 0.1959



13.1295, 0.3925, 0.6031



13.1295, 0.1823, 0.5481

Sweetspot

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



13.1298, 0.1700, 0.1278



63.4954, 0.2667, 0.2786



55.4107, 0.2600, 0.4524



12.5955, 0.2591, 0.2694



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.



13.1298, 0.1700, 0.1278



15.3296, 0.1652, 0.1145



6.1248, 0.1578, 0.0669



14.0719, 0.2981, 0.3138



6.9434, 0.1663, 0.1186



0.6488, 0.1749, 0.1496

Inverse Universe

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



16.9394, 0.5344, 0.2757



22.0787, 0.5544, 0.2828



65.5620, 0.3989, 0.5186



13.7842, 0.3234, 0.3203



9.6090, 0.5487, 0.2796



0.6830, 0.5065, 0.2564

Previews

White Background



This preview shows how the Yxy color 13.1295, 0.1700, 0.1278 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 13.1295, 0.1700, 0.1278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

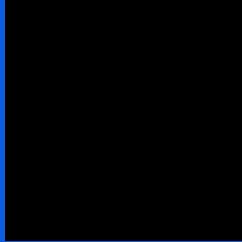
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.1295, 0.1700, 0.1278

Background



This preview shows how black text looks on a background with the Yxy color 13.1295, 0.1700, 0.1278.



This preview shows how white text looks on a background with the Yxy color 13.1295, 0.1700, 0.1278.

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

13.1295, 0.1700, 0.1278

Protanopia

13.0056, 0.1742, 0.1469

Deuteranopia

12.8748, 0.1851, 0.1864



Tritanopia

12.9203, 0.2198, 0.3113

Trichromacy



Original Color

13.1295, 0.1700, 0.1278

Protanomaly

13.0208, 0.1723, 0.1388

Deuteranomaly

12.8510, 0.1785, 0.1609

Tritanomaly

12.5697, 0.1948, 0.2186

Monochromacy



Original Color

13.1295, 0.1700, 0.1278

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.4955, 0.2212, 0.2191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1295, 0.1700, 0.1278 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(14, 92, 224)` looks like.

```
.text, #text, p{  
    color:rgb(14, 92, 224)  
}
```

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(14, 92, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 92, 224) }
```

Border

The CSS property to change the border of an element to Yxy 13.1295, 0.1700, 0.1278 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(14, 92, 224) }
```

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

```
.border{ border-color:rgb(14, 92, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 92, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 92, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 92, 224);  
box-shadow:4px 4px 4px 4px rgb(14, 92,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1295, 0.1700, 0.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 92, 224) }
```

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

```
.background{ background-color: rgb(14, 92,  
224) }
```

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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