

Converting Colors

$Yxy(14.3090, 0.1719, 0.1304)$

Have a look what the booklet for
Yxy(14.3090, 0.1719, 0.1304)
contains.

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Color

Yxy(14.2856, 0.1719, 0.1301)

Conversions

Conversions Part 1

Format	Color
Hex	1960E6
RGB	25, 96, 230
RGB Percent	10%, 38%, 90%
CMY	0.9006, 0.6236, 0.0979
CMYK	0.89, 0.58, 0.00, 0.10
HSL	219°, 80%, 50%
HSV	219°, 89%, 90%
XYZ	18.8754, 14.2856, 76.6437
YIQ	90.0470, -85.3300, 26.6220

Conversions

Conversions Part 2

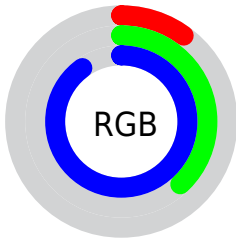
Format	Color
RYP	25, 78, 230
Decimal	1663206
CIELab	44.64, 30.34, -73.36
CIElCh	45, 79.384, 292.466
Yxy	14.2856, 0.1719, 0.1301
Android (android.graphics.Color)	4279853286 (0xFF1960E6)
YUV	90.0470, 68.9968, -57.0462
Hunter-Lab	37.7963, 22.9992, -93.7715

Details

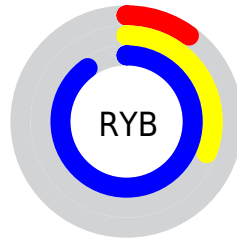
The Yxy color **14.2856, 0.1719, 0.1301** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **41.8361, 0.4831, 0.4462**, and the grayscale version is **10.1138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2225, 0.2122, 0.1892**, and **5.3848, 0.1609, 0.0993** is the 20% darker color. If you saturate the color by 10%, you get **11.6002, 0.1642, 0.1104**, and if you desaturate by 10%, it is **17.7283, 0.1827, 0.1527**.

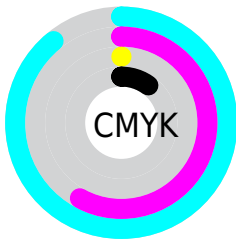
Distribution



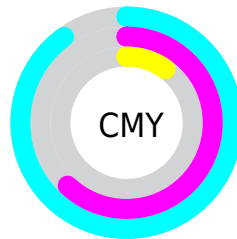
- Red (10%)
- Green (38%)
- Blue (90%)



- Red (10%)
- Yellow (31%)
- Blue (90%)



- Cyan (89%)
- Magenta (58%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (62%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2856, 0.1719, 0.1301 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 14.2856, 0.1719, 0.1301 by changing the saturation by 10% instead.

■ 14.2856, 0.1719,
0.1301

■ 14.2856, 0.1719,
0.1301

219.0004, 0.2485,
0.2280

■ 8.3196, 0.1528,
0.1088

■ 33.5949, 0.2002,
0.1638

■ 4.3001, 0.1293,
0.0842

■ 47.7070, 0.2108,
0.1772

■ 1.8428, 0.1004,
0.0568

■ 65.3033, 0.2196,
0.1887

■ 0.5137, 0.0665,
0.0265

■ 86.7680, 0.2272,
0.1987

■ 0.0000, 0.0165,
0.0000

■ 112.4857, 0.2337,
0.2074

■ 0.0000, 0.0000,
0.0000

142.8408, 0.2393,

0.2151

178.2175, 0.2442,
0.2219

■ 14.2856, 0.1719,
0.1301

■ 14.2856, 0.1719,
0.1301

■ 11.6002, 0.1642,
0.1104

■ 17.7283, 0.1827,
0.1527

■ 11.3592, 0.1635,
0.1086

■ 22.0155, 0.1963,
0.1772

■ 27.2127, 0.2121,
0.2026

■ 33.3773, 0.2293,
0.2278

■ 40.5612, 0.2472,
0.2520

■ 48.8124, 0.2650,
0.2746

■ 58.1754, 0.2823,
0.2954

■ 68.6921, 0.2988,
0.3140

■ 80.4019, 0.3142,
0.3306

Harmonies

Analogous

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



14.2856, 0.1092, 0.1298



14.2856, 0.1719, 0.1301



14.2856, 0.2918, 0.1607

Triad

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



14.2856, 0.1719, 0.1301



14.2856, 0.5968, 0.3773



14.2856, 0.1531, 0.4718

Complementary

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



14.2856, 0.1719, 0.1301



41.8361, 0.4831, 0.4462

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.



14.2856, 0.2624, 0.6310



14.2856, 0.1719, 0.1301



14.2856, 0.5166, 0.4834

Square

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



14.2856, 0.1719, 0.1301



14.2856, 0.5896, 0.2953



14.2856, 0.3921, 0.5973



14.2856, 0.0958, 0.2709

Rectangle

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



14.2856, 0.1719, 0.1301



14.2856, 0.4030, 0.1977



14.2856, 0.3921, 0.5973



14.2856, 0.1852, 0.5434

Sweetspot

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



14.2859, 0.1719, 0.1301



63.7240, 0.2682, 0.2786



59.3010, 0.2561, 0.4349



12.8213, 0.2622, 0.2711



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.



14.2859, 0.1719, 0.1301



14.1962, 0.1632, 0.1076



7.2674, 0.1645, 0.0734



14.6962, 0.2981, 0.3132



6.6349, 0.1643, 0.1114



0.6586, 0.1724, 0.1407

Inverse Universe

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



18.3816, 0.5300, 0.2775



21.9643, 0.5646, 0.2884



68.8660, 0.3935, 0.5198



14.4497, 0.3238, 0.3209



9.8675, 0.5590, 0.2853



0.7462, 0.5182, 0.2628

Previews

White Background



This preview shows how the Yxy color 14.2856, 0.1719, 0.1301 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 14.2856, 0.1719, 0.1301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

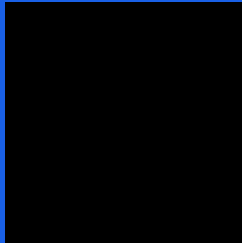
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2856, 0.1719, 0.1301

Background



This preview shows how black text looks on a background with the Yxy color 14.2856, 0.1719, 0.1301.



This preview shows how white text looks on a background with the Yxy color 14.2856, 0.1719, 0.1301.

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

14.2856, 0.1719, 0.1301

Protanopia

14.1624, 0.1741, 0.1469

Deuteranopia

14.1858, 0.1855, 0.1878



Tritanopia

13.9460, 0.2193, 0.3094

Trichromacy



Original Color

14.2856, 0.1719, 0.1301

Protanomaly

14.1491, 0.1729, 0.1399

Deuteranomaly

14.1758, 0.1795, 0.1630

Tritanomaly

13.6397, 0.1952, 0.2183

Monochromacy



Original Color

14.2856, 0.1719, 0.1301

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.7356, 0.2252, 0.2222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2856, 0.1719, 0.1301 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(25, 96, 230)` looks like.

```
.text, #text, p{  
    color:rgb(25, 96, 230)  
}
```

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(25, 96, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 96, 230) }
```

Border

The CSS property to change the border of an element to Yxy 14.2856, 0.1719, 0.1301 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(25, 96, 230) }
```

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

```
.border{ border-color:rgb(25, 96, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 96, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 96, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 96, 230);  
box-shadow:4px 4px 4px 4px rgb(25, 96,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2856, 0.1719, 0.1301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 96, 230) }
```

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

```
.background{ background-color: rgb(25, 96,  
230) }
```

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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