

Converting Colors

$Yxy(14.1428, 0.1767, 0.1439)$

Have a look what the booklet for
Yxy(14.1428, 0.1767, 0.1439)
contains.

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Color

Yxy(14.1428, 0.1767, 0.1439)

Conversions

Conversions Part 1

Format	Color
Hex	1D63D8
RGB	29, 99, 216
RGB Percent	11%, 39%, 85%
CMY	0.8854, 0.6118, 0.1530
CMYK	0.86, 0.54, 0.00, 0.15
HSL	218°, 76%, 48%
HSV	218°, 86%, 85%
XYZ	17.3665, 14.1428, 66.7729
YIQ	91.4080, -79.2770, 21.5470

Conversions

Conversions Part 2

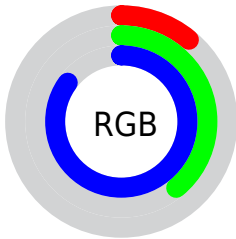
Format	Color
R_{YB}	29, 80, 216
Decimal	1926104
CIE _{Lab}	44.44, 23.22, -65.72
CIE _{LCh}	44, 69.699, 289.459
Yxy	14.1428, 0.1767, 0.1439
Android (android.graphics.Color)	4280116184 (0xFF1D63D8)
YUV	91.4080, 61.4239, -54.7318
Hunter-Lab	37.6069, 16.6172, -78.9474

Details

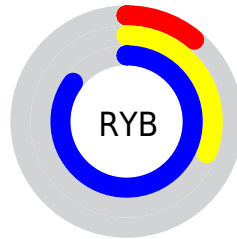
The Yxy color **14.1428, 0.1767, 0.1439** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **35.3167, 0.4850, 0.4408**, and the grayscale version is **10.4450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0299, 0.2120, 0.1927**, and **5.1764, 0.1641, 0.1109** is the 20% darker color. If you saturate the color by 10%, you get **11.5756, 0.1683, 0.1235**, and if you desaturate by 10%, it is **17.3598, 0.1880, 0.1665**.

Distribution



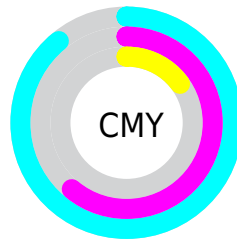
- Red (11%)
- Green (39%)
- Blue (85%)



- Red (11%)
- Yellow (31%)
- Blue (85%)



- Cyan (86%)
- Magenta (54%)
- Yellow (0%)
- Black (15%)



- Cyan (89%)
- Magenta (61%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1428, 0.1767, 0.1439 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 14.1428, 0.1767, 0.1439 by changing the saturation by 10% instead.

■ 14.1428, 0.1767,
0.1439

■ 14.1428, 0.1767,
0.1439

■ 218.1174, 0.2515,
0.2381

■ 8.2201, 0.1575,
0.1222

■ 33.3422, 0.2047,
0.1773

■ 4.2361, 0.1334,
0.0965

■ 47.3876, 0.2150,
0.1902

■ 1.8065, 0.1034,
0.0667

■ 64.9094, 0.2237,
0.2012

■ 0.4912, 0.0675,
0.0316

■ 86.2919, 0.2310,
0.2107

■ 0.0000, 0.0000,
0.0000

■ 111.9196, 0.2373,
0.2189

142.1768, 0.2427,

0.2261

177.4479, 0.2474,
0.2325

■ 14.1428, 0.1767,
0.1439

■ 14.1428, 0.1767,
0.1439

■ 11.5756, 0.1683,
0.1235

■ 17.3598, 0.1880,
0.1665

■ 10.7940, 0.1658,
0.1169

■ 21.2861, 0.2020,
0.1905

■ 25.9725, 0.2178,
0.2149

■ 31.4642, 0.2348,
0.2387

■ 37.8020, 0.2524,
0.2614

■ 45.0238, 0.2698,
0.2824

■ 53.1649, 0.2867,
0.3016

■ 62.2584, 0.3028,
0.3189

■ 72.3357, 0.3179,
0.3342

Harmonies

Analogous

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



14.1428, 0.1207, 0.1476



14.1428, 0.1767, 0.1439



14.1428, 0.2820, 0.1703

Triad

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



14.1428, 0.1767, 0.1439



14.1428, 0.5765, 0.3749



14.1428, 0.1797, 0.4725

Complementary

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



14.1428, 0.1767, 0.1439



35.3167, 0.4850, 0.4408

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.



14.1428, 0.2865, 0.5962



14.1428, 0.1767, 0.1439



14.1428, 0.5133, 0.4679

Square

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



14.1428, 0.1767, 0.1439



14.1428, 0.5526, 0.2961



14.1428, 0.4053, 0.5643



14.1428, 0.1173, 0.2951

Rectangle

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



14.1428, 0.1767, 0.1439



14.1428, 0.3787, 0.2037



14.1428, 0.4053, 0.5643



14.1428, 0.2119, 0.5296

Sweetspot

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



14.1432, 0.1767, 0.1439



65.8227, 0.2702, 0.2829



51.3968, 0.2588, 0.4415



13.2673, 0.2641, 0.2757



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.



14.1432, 0.1767, 0.1439



15.4488, 0.1654, 0.1153



6.5517, 0.1647, 0.0760



12.7611, 0.2982, 0.3140



6.5805, 0.1666, 0.1197



0.5533, 0.1763, 0.1547

Inverse Universe

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



16.3880, 0.5107, 0.2698



22.0907, 0.5534, 0.2822



60.6922, 0.3984, 0.5136



12.4968, 0.3233, 0.3203



9.0092, 0.5471, 0.2787



0.5592, 0.4999, 0.2527

Previews

White Background



This preview shows how the Yxy color 14.1428, 0.1767, 0.1439 looks on a white background.

Color Contrast Check

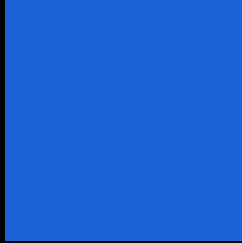
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1428, 0.1767, 0.1439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

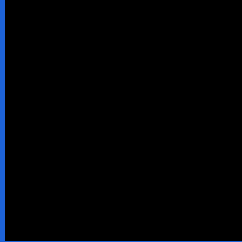
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1428, 0.1767, 0.1439

Background



This preview shows how black text looks on a background with the Yxy color 14.1428, 0.1767, 0.1439.



This preview shows how white text looks on a background with the Yxy color 14.1428, 0.1767, 0.1439.

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

14.1428, 0.1767, 0.1439

Protanopia

13.9694, 0.1737, 0.1454

Deuteranopia

13.9761, 0.1850, 0.1859



Tritanopia

13.9208, 0.2199, 0.3118

Trichromacy



Original Color

14.1428, 0.1767, 0.1439

Protanomaly

14.0918, 0.1746, 0.1450

Deuteranomaly

13.9573, 0.1811, 0.1679

Tritanomaly

13.6573, 0.1988, 0.2300

Monochromacy



Original Color

14.1428, 0.1767, 0.1439

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

11.0482, 0.2329, 0.2361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1428, 0.1767, 0.1439 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(29, 99, 216)` looks like.

```
.text, #text, p{  
    color:rgb(29, 99, 216)  
}
```

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(29, 99, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 99, 216) }
```

Border

The CSS property to change the border of an element to Yxy 14.1428, 0.1767, 0.1439 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(29, 99, 216) }
```

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

```
.border{ border-color:rgb(29, 99, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 99, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(29, 99, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(29, 99, 216); box-shadow:4px 4px 4px 4px rgb(29, 99, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1428, 0.1767, 0.1439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 99, 216) }
```

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

```
.background{ background-color: rgb(29, 99,  
216) }
```

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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