

Converting Colors

Yxy(26.4714, 0.2516, 0.1599)

Have a look what the booklet for
Yxy(26.4714, 0.2516, 0.1599)
contains.

Yxy(26.4260, 0.2514, 0.1596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.4260, 0.2514, 0.1596)

Conversions

Conversions Part 1

Format	Color
Hex	B466FF
RGB	180, 102, 255
RGB Percent	71%, 40%, 100%
CMY	0.2941, 0.6000, 0.0000
CMYK	0.29, 0.60, 0.00, 0.00
HSL	271°, 100%, 70%
HSV	271°, 60%, 100%
XYZ	41.6259, 26.4260, 97.5245
YIQ	142.7640, -2.6250, 64.1190

Conversions

Conversions Part 2

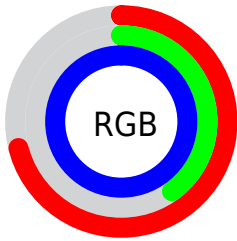
Format	Color
R_{YB}	180, 102, 255
Decimal	11822847
CIE _{Lab}	58.44, 58.85, -64.45
CIE _{LCh}	58, 87.269, 312.399
Yxy	26.4260, 0.2514, 0.1596
Android (android.graphics.Color)	4290012927 (0xFFB466FF)
YUV	142.7640, 55.3323, 32.6560
Hunter-Lab	51.4062, 54.5785, -76.4967

Details

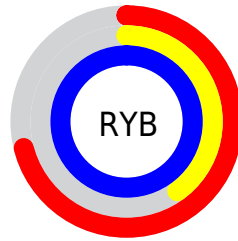
The Yxy color **26.4260, 0.2514, 0.1596** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **81.8251, 0.3442, 0.5004**, and the grayscale version is **27.1456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3477, 0.3040, 0.2289**, and **10.2827, 0.2302, 0.1235** is the 20% darker color. If you saturate the color by 10%, you get **20.7285, 0.2382, 0.1345**, and if you desaturate by 10%, it is **33.7999, 0.2643, 0.1878**.

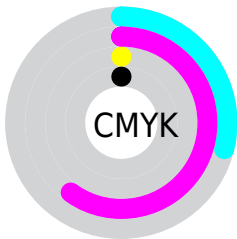
Distribution



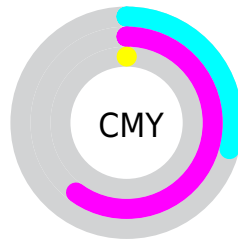
- Red (71%)
- Green (40%)
- Blue (100%)



- Red (71%)
- Yellow (40%)
- Blue (100%)



- Cyan (29%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)




- Cyan (29%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4260, 0.2514, 0.1596 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 26.4260, 0.2514, 0.1596 by changing the saturation by 10% instead.


 26.4260, 0.2514,
0.1596


 26.4260, 0.2514,
0.1596


284.8671, 0.2861,
0.2370


 17.1426, 0.2421,
0.1431


 53.9614, 0.2646,
0.1857


 10.3362, 0.2301,
0.1237


 72.9822, 0.2694,
0.1961

 5.6224, 0.2141,
0.1008


 96.0176, 0.2734,
0.2051

 2.6169, 0.1923,
0.0743

 123.4519, 0.2768,
0.2131

 0.9352, 0.1620,
0.0450

155.6697, 0.2796,
0.2201

 0.0000, 0.1221,
0.0000

193.0552, 0.2821,

 0.0000, 0.0414,

0.2263

0.0000

235.9928, 0.2842,
0.2319

0.0000, 0.0000,
0.0000

26.4260, 0.2514,
0.1596

26.4260, 0.2514,
0.1596

20.7285, 0.2382,
0.1345

33.7999, 0.2643,
0.1878

16.5569, 0.2253,
0.1139

42.9810, 0.2764,
0.2175

13.7328, 0.2132,
0.0987

54.0875, 0.2874,
0.2474

11.9670, 0.2024,
0.0888

67.2271, 0.2971,
0.2763

82.4994, 0.3055,
0.3037

99.9973, 0.3127,
0.3290

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.4260, 0.1577, 0.1400



26.4260, 0.2514, 0.1596



26.4260, 0.3949, 0.2081

Triad

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



26.4260, 0.2514, 0.1596



26.4260, 0.5349, 0.4440



26.4260, 0.1248, 0.3317

Complementary

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



26.4260, 0.2514, 0.1596



81.8251, 0.3442, 0.5004

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.



26.4260, 0.1999, 0.5176



26.4260, 0.2514, 0.1596



26.4260, 0.4325, 0.5450

Square

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



26.4260, 0.2514, 0.1596



26.4260, 0.5839, 0.3548



26.4260, 0.3133, 0.6053



26.4260, 0.0997, 0.2056

Rectangle

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



26.4260, 0.2514, 0.1596



26.4260, 0.4945, 0.2529



26.4260, 0.3133, 0.6053



26.4260, 0.1439, 0.3919

Sweetspot

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



26.4262, 0.2514, 0.1596



70.1101, 0.2989, 0.2820



42.0839, 0.2170, 0.2309



14.1153, 0.2963, 0.2738



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.



26.4262, 0.2514, 0.1596



19.7780, 0.2356, 0.1300



37.9820, 0.3193, 0.1894



17.8330, 0.3059, 0.3050



6.3422, 0.2040, 0.0898



0.6825, 0.2162, 0.0964

Inverse Universe

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



33.9359, 0.4050, 0.2549



28.4045, 0.4341, 0.2467



75.3038, 0.3036, 0.5239



18.1355, 0.3217, 0.3174



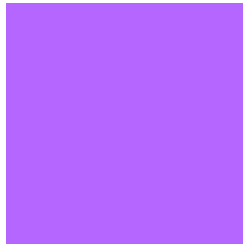
11.9123, 0.5006, 0.2532



1.1819, 0.4746, 0.2388

Previews

White Background



This preview shows how the Yxy color 26.4260, 0.2514, 0.1596 looks on a white background.

Color Contrast Check

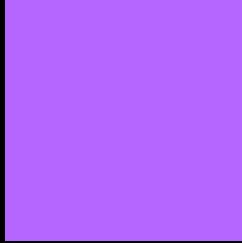
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.4260, 0.2514, 0.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

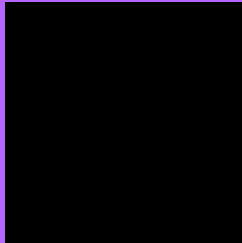
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4260, 0.2514, 0.1596

Background



This preview shows how black text looks on a background with the Yxy color 26.4260, 0.2514, 0.1596.

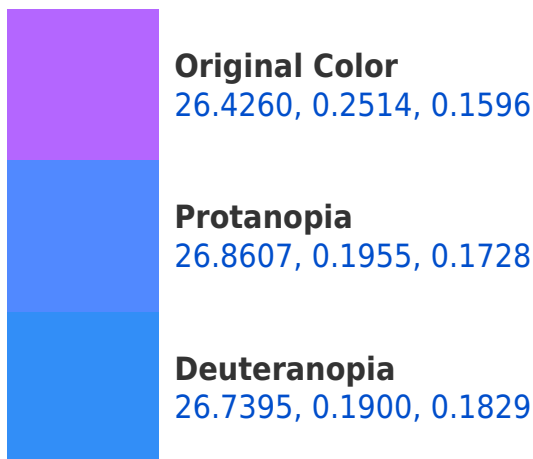


This preview shows how white text looks on a background with the Yxy color 26.4260, 0.2514, 0.1596.

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





Tritanopia

26.2623, 0.3317, 0.3120

Trichromacy



Original Color

26.4260, 0.2514, 0.1596



Protanomaly

25.4172, 0.2092, 0.1631



Deuteranomaly

24.6223, 0.2011, 0.1663



Tritanomaly

25.5952, 0.2983, 0.2420

Monochromacy



Original Color

26.4260, 0.2514, 0.1596



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

25.9670, 0.2870, 0.2477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4260, 0.2514, 0.1596 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(180, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 102, 255)  
}
```

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(180, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 102, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.4260, 0.2514, 0.1596 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(180, 102, 255) }
```

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

```
.border{ border-color:rgb(180, 102, 255) }
```

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

Here you see how a box with a 4 pixel rgb(180, 102, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 102,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4260, 0.2514, 0.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 102, 255) }
```

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

```
.background{ background-color: rgb(180,  
102, 255) }
```

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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