

Converting Colors

Yxy(64.8321, 0.2811, 0.2766)

Have a look what the booklet for
Yxy(64.8321, 0.2811, 0.2766)
contains.

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Color

Yxy(65.1110, 0.2814, 0.2772)

Conversions

Conversions Part 1

Format	Color
Hex	CFCFFF
RGB	207, 207, 255
RGB Percent	81%, 81%, 100%
CMY	0.1881, 0.1882, 0.0001
CMYK	0.19, 0.19, 0.00, 0.00
HSL	240°, 100%, 91%
HSV	240°, 19%, 100%
XYZ	66.0975, 65.1110, 103.6796
YIQ	212.4720, -15.4080, 14.9280

Conversions

Conversions Part 2

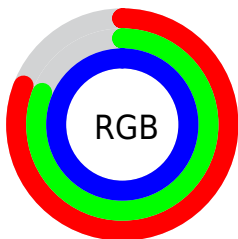
Format	Color
R _Y B	207, 207, 255
Decimal	13619199
CIE Lab	84.54, 9.62, -23.42
CIE LCh	85, 25.313, 292.325
Yxy	65.1110, 0.2814, 0.2772
Android (android.graphics.Color)	4291809279 (0xFFFCFCFFF)
YUV	212.4720, 20.9663, -4.7989
Hunter-Lab	80.6914, 5.0065, -19.6972

Details

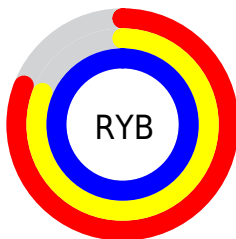
The Yxy color $65.1110, 0.2814, 0.2772$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $97.2696, 0.3411, 0.3760$, and the grayscale version is $66.0374, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.5351, 0.2738, 0.2658$ is the 20% darker color. If you saturate the color by 10%, you get $50.3601, 0.2618, 0.2448$, and if you desaturate by 10%, it is $82.4548, 0.2990, 0.3063$.

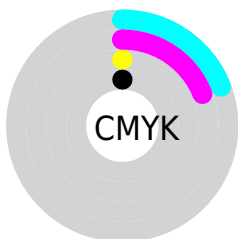
Distribution



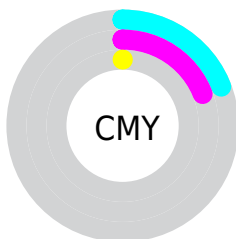
- Red (81%)
- Green (81%)
- Blue (100%)



- Red (81%)
- Yellow (81%)
- Blue (100%)



- Cyan (19%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1110, 0.2814, 0.2772 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 65.1110, 0.2814, 0.2772 by changing the saturation by 10% instead.

■ 65.1110, 0.2814,
0.2772

■ 65.1110, 0.2814,
0.2772

443.1907, 0.2962,
0.3009

■ 47.5511, 0.2780,
0.2719

112.2094, 0.2866,
0.2854

■ 33.4715, 0.2737,
0.2653

142.5167, 0.2886,
0.2886

■ 22.4879, 0.2683,
0.2571

177.8420, 0.2903,
0.2913

■ 14.2158, 0.2611,
0.2464

218.5695, 0.2918,
0.2938

■ 8.2709, 0.2513,
0.2323

265.0838, 0.2931,
0.2959

■ 4.2688, 0.2371,
0.2125

317.7691, 0.2943,

■ 1.8250, 0.2152,

0.2978

0.1832

377.0100, 0.2953,
0.2994

■ 0.5027, 0.1787,
0.1261

■ 0.0000, 0.0000,
0.0000

■ 65.1110, 0.2814,
0.2772

■ 65.1110, 0.2814,
0.2772

■ 50.3601, 0.2618,
0.2448

■ 82.4548, 0.2990,
0.3063

■ 38.0701, 0.2407,
0.2099

99.9992, 0.3127,
0.3290

■ 28.1096, 0.2189,
0.1739

■ 20.3315, 0.1978,
0.1390

■ 14.5724, 0.1791,
0.1081

■ 10.6455, 0.1644,
0.0838

■ 8.3298, 0.1549,
0.0680

■ 7.3048, 0.1504,
0.0606

■ 7.2200, 0.1500,
0.0600

Harmonies

Analogous

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



65.1110, 0.2607, 0.2808



65.1110, 0.2814, 0.2772



65.1110, 0.3114, 0.2861

Triad

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



65.1110, 0.2814, 0.2772



65.1110, 0.3759, 0.3560



65.1110, 0.2817, 0.3545

Complementary

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



65.1110, 0.2814, 0.2772



97.2696, 0.3411, 0.3760

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.



65.1110, 0.3115, 0.3778



65.1110, 0.2814, 0.2772



65.1110, 0.3666, 0.3768

Square

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



65.1110, 0.2814, 0.2772



65.1110, 0.3673, 0.3300



65.1110, 0.3427, 0.3856



65.1110, 0.2608, 0.3242

Rectangle

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



65.1110, 0.2814, 0.2772



65.1110, 0.3330, 0.2978



65.1110, 0.3427, 0.3856



65.1110, 0.2910, 0.3635

Sweetspot

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



65.1137, 0.2814, 0.2772



87.8378, 0.3036, 0.3138



91.9962, 0.2844, 0.3289



18.5303, 0.3025, 0.3121



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.



65.1137, 0.2814, 0.2772



58.6447, 0.2734, 0.2640



68.8326, 0.2978, 0.2796



17.3782, 0.2978, 0.3044



3.7732, 0.1500, 0.0600



0.3675, 0.1501, 0.0600

Inverse Universe

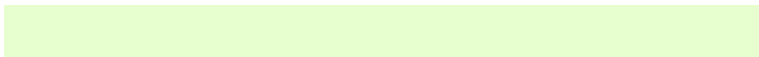
The Inverse Universe completely reimagines the original color for something new.



73.1008, 0.3149, 0.2822



68.1160, 0.3154, 0.2716



93.0045, 0.3254, 0.3785



18.3002, 0.3138, 0.3056



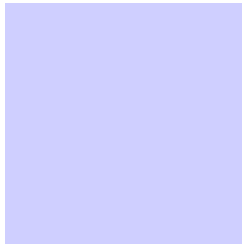
14.8772, 0.3210, 0.1542



1.4486, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 65.1110, 0.2814, 0.2772 looks on a white background.

Color Contrast Check

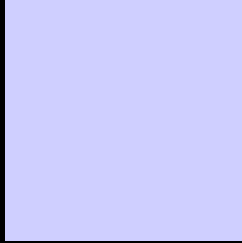
Large Text (above 18pt) WCAG AA × Fail

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 65.1110, 0.2814, 0.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

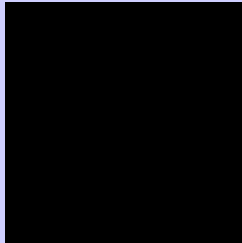
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1110, 0.2814, 0.2772

Background



This preview shows how black text looks on a background with the Yxy color 65.1110, 0.2814, 0.2772.



This preview shows how white text looks on a background with the Yxy color 65.1110, 0.2814, 0.2772.

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

65.1110, 0.2814, 0.2772

Protanopia

65.2384, 0.2776, 0.2789

Deuteranopia

64.9179, 0.2827, 0.2763



Tritanopia

65.2450, 0.2950, 0.3109

Trichromacy



Original Color

65.1110, 0.2814, 0.2772

Protanomaly

65.0283, 0.2788, 0.2779

Deuteranomaly

64.7725, 0.2820, 0.2762

Tritanomaly

65.1036, 0.2899, 0.2978

Monochromacy



Original Color

65.1110, 0.2814, 0.2772

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.3963, 0.3006, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1110, 0.2814, 0.2772 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(207, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 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(207, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.1110, 0.2814, 0.2772 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(207, 207, 255) }
```

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

```
.border{ border-color:rgb(207, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1110, 0.2814, 0.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 255) }
```

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

```
.background{ background-color: rgb(207,  
207, 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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