

Converting Colors

$Yxy(62.6935, 0.2720, 0.2758)$

Have a look what the booklet for
Yxy(62.6935, 0.2720, 0.2758)
contains.

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Color

Yxy(62.5048, 0.2721, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	C0CEFE
RGB	192, 206, 254
RGB Percent	75%, 81%, 100%
CMY	0.2468, 0.1922, 0.0039
CMYK	0.24, 0.19, 0.00, 0.00
HSL	227°, 97%, 87%
HSV	227°, 24%, 100%
XYZ	61.7110, 62.5048, 102.5795
YIQ	207.2860, -23.7520, 11.9600

Conversions

Conversions Part 2

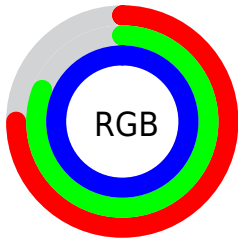
Format	Color
R _{YB}	192, 203, 254
Decimal	12635902
CIE Lab	83.18, 5.45, -25.06
CIE LCh	83, 25.648, 282.273
Yxy	62.5048, 0.2721, 0.2756
Android (android.graphics.Color)	4290825982 (0xFFC0CEFE)
YUV	207.2860, 23.0300, -13.4058
Hunter-Lab	79.0600, 0.9749, -21.5862

Details

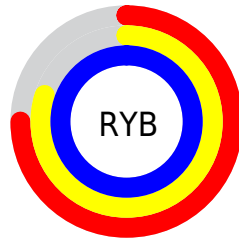
The Yxy color **62.5048, 0.2721, 0.2756** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.2489, 0.3527, 0.3772**, and the grayscale version is **62.4587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **31.8061, 0.2619, 0.2635** is the 20% darker color. If you saturate the color by 10%, you get **50.5775, 0.2534, 0.2494**, and if you desaturate by 10%, it is **76.1971, 0.2898, 0.2994**.

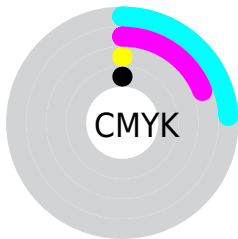
Distribution



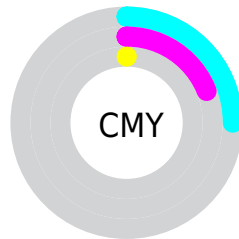
- Red (75%)
- Green (81%)
- Blue (100%)



- Red (75%)
- Yellow (80%)
- Blue (100%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5048, 0.2721, 0.2756 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 62.5048, 0.2721, 0.2756 by changing the saturation by 10% instead.

■ 62.5048, 0.2721,
0.2756

■ 62.5048, 0.2721,
0.2756

433.7701, 0.2913,
0.3004

■ 45.4407, 0.2677,
0.2700

■ 108.4548, 0.2788,
0.2842

■ 31.8047, 0.2622,
0.2630

138.1095, 0.2814,
0.2875

■ 21.2124, 0.2552,
0.2543

172.7298, 0.2836,
0.2904

■ 13.2793, 0.2460,
0.2429

212.7002, 0.2855,
0.2929

■ 7.6212, 0.2335,
0.2276

258.4050, 0.2872,
0.2951

■ 3.8535, 0.2155,
0.2061

310.2286, 0.2887,

■ 1.5920, 0.1880,

0.2971

0.1742

368.5555, 0.2901,
0.2988

0.3522, 0.1339,
0.1008

0.0000, 0.0000,
0.0000

62.5048, 0.2721,
0.2756

62.5048, 0.2721,
0.2756

50.5775, 0.2534,
0.2494

76.1971, 0.2898,
0.2994

40.3345, 0.2340,
0.2212

91.7157, 0.3060,
0.3205

31.6999, 0.2148,
0.1919

99.9360, 0.3133,
0.3299

24.5889, 0.1968,
0.1625

■ 18.9081, 0.1809,
0.1347

■ 14.5532, 0.1682,
0.1101

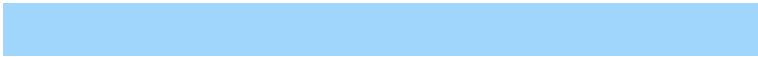
■ 11.4034, 0.1593,
0.0902

■ 10.0909, 0.1559,
0.0813

Harmonies

Analogous

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



62.5048, 0.2552, 0.2837



62.5048, 0.2721, 0.2756



62.5048, 0.3004, 0.2806

Triad

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



62.5048, 0.2721, 0.2756



62.5048, 0.3767, 0.3479



62.5048, 0.2904, 0.3646

Complementary

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



62.5048, 0.2721, 0.2756



87.2489, 0.3527, 0.3772

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.



62.5048, 0.3224, 0.3839



62.5048, 0.2721, 0.2756



62.5048, 0.3732, 0.3719

Square

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



62.5048, 0.2721, 0.2756



62.5048, 0.3619, 0.3210



62.5048, 0.3529, 0.3859



62.5048, 0.2653, 0.3345

Rectangle

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



62.5048, 0.2721, 0.2756



62.5048, 0.3224, 0.2904



62.5048, 0.3529, 0.3859



62.5048, 0.3007, 0.3727

Sweetspot

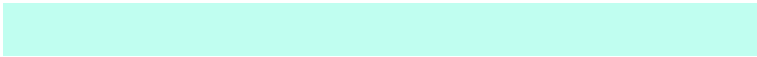
The Sweet Spot groups the original color and five complimentary colors.



62.5073, 0.2721, 0.2756



88.2568, 0.3019, 0.3152



88.3653, 0.2840, 0.3445



18.6832, 0.3010, 0.3140



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.



62.5073, 0.2721, 0.2756



57.2875, 0.2636, 0.2638



58.3788, 0.2822, 0.2618



18.0398, 0.2979, 0.3100



5.4992, 0.1566, 0.0836



0.6903, 0.1621, 0.1037

Inverse Universe

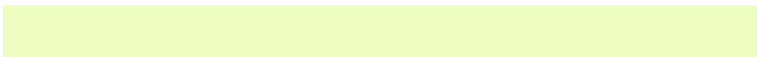
The Inverse Universe completely reimagines the original color for something new.



63.2554, 0.3526, 0.3147



58.3901, 0.3628, 0.3119



92.7826, 0.3386, 0.3924



18.0539, 0.3259, 0.3237



11.2831, 0.6012, 0.3085



1.1142, 0.5704, 0.2916

Previews

White Background



This preview shows how the Yxy color 62.5048, 0.2721, 0.2756 looks on a white background.

Color Contrast Check

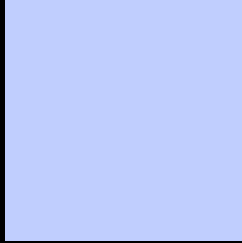
Large Text (above 18pt) WCAG AA × Fail

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 62.5048, 0.2721, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

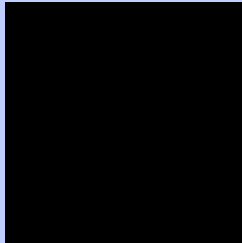
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5048, 0.2721, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 62.5048, 0.2721, 0.2756.



This preview shows how white text looks on a background with the Yxy color 62.5048, 0.2721, 0.2756.

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

62.5048, 0.2721, 0.2756

Protanopia

62.4903, 0.2751, 0.2759

Deuteranopia

62.6284, 0.2784, 0.2723



Tritanopia

62.6994, 0.2853, 0.3103

Trichromacy



Original Color

62.5048, 0.2721, 0.2756

Protanomaly

62.3566, 0.2745, 0.2758

Deuteranomaly

62.5478, 0.2759, 0.2730

Tritanomaly

62.5342, 0.2804, 0.2968

Monochromacy



Original Color

62.5048, 0.2721, 0.2756

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5640, 0.2975, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5048, 0.2721, 0.2756 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(192, 206, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 206, 254)  
}
```

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(192, 206, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 206, 254) }
```

Border

The CSS property to change the border of an element to Yxy 62.5048, 0.2721, 0.2756 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(192, 206, 254) }
```

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

```
.border{ border-color:rgb(192, 206, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 206, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 206, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 206, 254);  
box-shadow:4px 4px 4px 4px rgb(192, 206,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5048, 0.2721, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 206, 254) }
```

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

```
.background{ background-color: rgb(192,  
206, 254) }
```

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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