

Converting Colors

Yxy(62.5352, 0.2863, 0.2859)

Have a look what the booklet for
Yxy(62.5352, 0.2863, 0.2859)
contains.

Yxy(62.4942, 0.2865, 0.2857)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.4942, 0.2865, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	CCCCF3
RGB	204, 204, 243
RGB Percent	80%, 80%, 95%
CMY	0.2001, 0.2000, 0.0469
CMYK	0.16, 0.16, 0.00, 0.05
HSL	240°, 62%, 88%
HSV	240°, 16%, 95%
XYZ	62.6692, 62.4942, 93.5772
YIQ	208.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

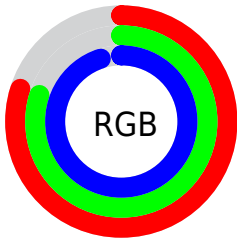
Format	Color
R_{YB}	204, 204, 243
Decimal	13421811
CIE Lab	83.18, 7.71, -19.16
CIE LCh	83, 20.651, 291.909
Yxy	62.4942, 0.2865, 0.2857
Android (android.graphics.Color)	4291611891 (0xFFCCCCF3)
YUV	208.4460, 17.0351, -3.8991
Hunter-Lab	79.0533, 3.1620, -14.8457

Details

The Yxy color $62.4942, 0.2865, 0.2857$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $87.5132, 0.3369, 0.3689$, and the grayscale version is $63.2739, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.7901, 0.2794, 0.2752$ is the 20% darker color. If you saturate the color by 10%, you get $48.6713, 0.2675, 0.2543$, and if you desaturate by 10%, it is $78.6568, 0.3035, 0.3137$.

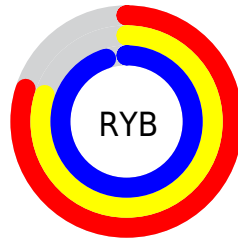
Distribution



Red (80%)

Green (80%)

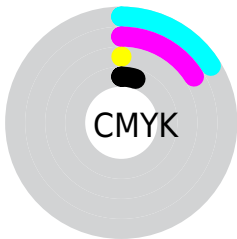
Blue (95%)



Red (80%)

Yellow (80%)

Blue (95%)

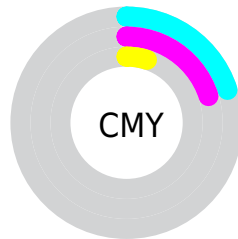


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (20%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4942, 0.2865, 0.2857 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 62.4942, 0.2865, 0.2857 by changing the saturation by 10% instead.

■ 62.4942, 0.2865,
0.2857

■ 62.4942, 0.2865,
0.2857

433.7315, 0.2990,
0.3058

■ 45.4321, 0.2836,
0.2811

108.4395, 0.2909,
0.2927

■ 31.7979, 0.2799,
0.2754

138.0915, 0.2926,
0.2954

■ 21.2072, 0.2752,
0.2682

172.7089, 0.2940,
0.2977

■ 13.2756, 0.2690,
0.2588

212.6762, 0.2953,
0.2998

■ 7.6186, 0.2603,
0.2460

258.3777, 0.2964,
0.3016

■ 3.8519, 0.2475,
0.2278

310.1978, 0.2974,

■ 1.5910, 0.2271,

0.3031

0.1999

368.5209, 0.2982,
0.3046

0.3516, 0.1857,
0.1250

0.0000, 0.0000,
0.0000

62.4942, 0.2865,
0.2857

62.4942, 0.2865,
0.2857

48.6713, 0.2675,
0.2543

78.6568, 0.3035,
0.3137

37.0724, 0.2468,
0.2201

97.2521, 0.3183,
0.3382

27.5839, 0.2251,
0.1843

99.2529, 0.3197,
0.3405

20.0787, 0.2038,
0.1490

■ 14.4165, 0.1842,
0.1167

■ 10.4383, 0.1682,
0.0902

■ 7.9586, 0.1571,
0.0718

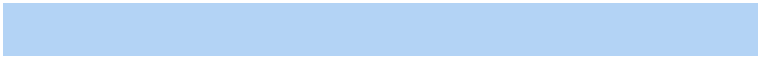
■ 6.7471, 0.1514,
0.0622

■ 6.4786, 0.1500,
0.0601

Harmonies

Analogous

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



62.4942, 0.2692, 0.2891



62.4942, 0.2865, 0.2857



62.4942, 0.3114, 0.2929

Triad

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



62.4942, 0.2865, 0.2857



62.4942, 0.3649, 0.3515



62.4942, 0.2874, 0.3503

Complementary

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



62.4942, 0.2865, 0.2857



87.5132, 0.3369, 0.3689

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.



62.4942, 0.3123, 0.3691



62.4942, 0.2865, 0.2857



62.4942, 0.3575, 0.3686

Square

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



62.4942, 0.2865, 0.2857



62.4942, 0.3575, 0.3298



62.4942, 0.3381, 0.3756



62.4942, 0.2697, 0.3256

Rectangle

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



62.4942, 0.2865, 0.2857



62.4942, 0.3292, 0.3027



62.4942, 0.3381, 0.3756



62.4942, 0.2952, 0.3576

Sweetspot

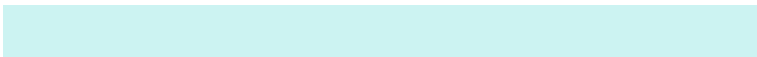
The Sweet Spot groups the original color and five complimentary colors.



62.4968, 0.2865, 0.2857



89.8028, 0.3051, 0.3165



83.3865, 0.2887, 0.3296



18.9266, 0.3040, 0.3146



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.



62.4968, 0.2865, 0.2857



64.8537, 0.2811, 0.2767



65.3079, 0.2998, 0.2873



15.9296, 0.2979, 0.3045



3.5559, 0.1500, 0.0601



0.3135, 0.1501, 0.0602

Inverse Universe

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



66.5913, 0.3432, 0.3290



70.1534, 0.3502, 0.3291



84.3494, 0.3240, 0.3706



16.4828, 0.3294, 0.3290



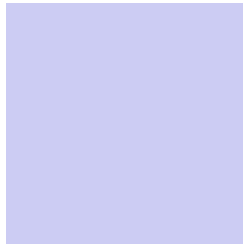
10.4583, 0.6400, 0.3299



0.9193, 0.6397, 0.3297

Previews

White Background



This preview shows how the Yxy color 62.4942, 0.2865, 0.2857 looks on a white background.

Color Contrast Check

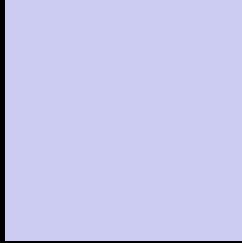
Large Text (above 18pt) WCAG AA × Fail

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 62.4942, 0.2865, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

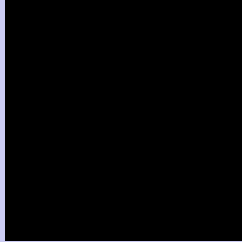
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4942, 0.2865, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 62.4942, 0.2865, 0.2857.



This preview shows how white text looks on a background with the Yxy color 62.4942, 0.2865, 0.2857.

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

62.4942, 0.2865, 0.2857

Protanopia

62.3364, 0.2825, 0.2854

Deuteranopia

62.4138, 0.2907, 0.2840



Tritanopia

62.4250, 0.2968, 0.3095

Trichromacy



Original Color

62.4942, 0.2865, 0.2857

Protanomaly

62.6118, 0.2839, 0.2856

Deuteranomaly

62.5928, 0.2893, 0.2849

Tritanomaly

62.4687, 0.2929, 0.3007

Monochromacy



Original Color

62.4942, 0.2865, 0.2857

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1115, 0.3031, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4942, 0.2865, 0.2857 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(204, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 243)  
}
```

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(204, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 243) }
```

Border

The CSS property to change the border of an element to Yxy 62.4942, 0.2865, 0.2857 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(204, 204, 243) }
```

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

```
.border{ border-color:rgb(204, 204, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 243);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4942, 0.2865, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 243) }
```

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

```
.background{ background-color: rgb(204,  
204, 243) }
```

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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