

Converting Colors

Yxy(65.1481, 0.3032, 0.3162)

Have a look what the booklet for
Yxy(65.1481, 0.3032, 0.3162)
contains.

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Color

Yxy(65.2724, 0.3031, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	D0D3DE
RGB	208, 211, 222
RGB Percent	82%, 83%, 87%
CMY	0.1843, 0.1725, 0.1294
CMYK	0.06, 0.05, 0.00, 0.13
HSL	227°, 17%, 84%
HSV	227°, 6%, 87%
XYZ	62.4891, 65.2724, 78.4052
YIQ	211.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

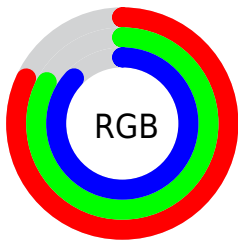
Format	Color
R _Y B	208, 210, 222
Decimal	13685726
CIE Lab	84.62, 1.05, -5.77
CIE LCh	85, 5.868, 280.263
Yxy	65.2724, 0.3031, 0.3166
Android (android.graphics.Color)	4291875806 (0xFFD0D3DE)
YUV	211.3570, 5.2470, -2.9441
Hunter-Lab	80.7913, -3.3216, -0.9850

Details

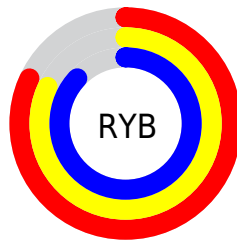
The Yxy color $65.2724, 0.3031, 0.3166$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.7340, 0.3223, 0.3411$, and the grayscale version is $65.3578, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.7740, 0.3010, 0.3142$ is the 20% darker color. If you saturate the color by 10%, you get $54.0869, 0.2867, 0.2948$, and if you desaturate by 10%, it is $77.8519, 0.3181, 0.3358$.

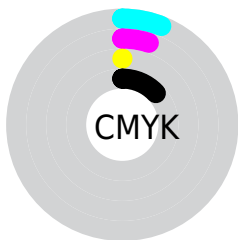
Distribution



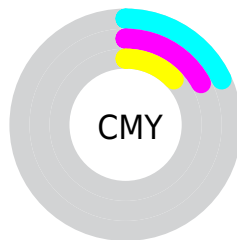
- Red (82%)
- Green (83%)
- Blue (87%)



- Red (82%)
- Yellow (82%)
- Blue (87%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2724, 0.3031, 0.3166 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 65.2724, 0.3031, 0.3166 by changing the saturation by 10% instead.

■ 65.2724, 0.3031,
0.3166

■ 65.2724, 0.3031,
0.3166

443.7702, 0.3076,
0.3224

■ 47.6820, 0.3020,
0.3152

112.4414, 0.3047,
0.3186

■ 33.5751, 0.3007,
0.3135

142.7888, 0.3053,
0.3194

■ 22.5674, 0.2990,
0.3114

178.1573, 0.3058,
0.3201

■ 14.2744, 0.2968,
0.3085

218.9313, 0.3063,
0.3207

■ 8.3118, 0.2936,
0.3045

265.4952, 0.3067,
0.3212

■ 4.2951, 0.2890,
0.2986

318.2334, 0.3070,

■ 1.8400, 0.2813,

0.3217

0.2890

377.5302, 0.3074,
0.3221

0.5119, 0.2580,
0.2579

0.0000, 0.0000,
0.0000

65.2724, 0.3031,
0.3166

65.2724, 0.3031,
0.3166

54.0869, 0.2867,
0.2948

77.8519, 0.3181,
0.3358

44.2388, 0.2689,
0.2705

91.8630, 0.3316,
0.3526

35.6796, 0.2501,
0.2438

98.0534, 0.3322,
0.3611

28.3547, 0.2307,
0.2153

■ 22.2056, 0.2117,
0.1857

■ 17.1688, 0.1939,
0.1565

■ 13.1743, 0.1784,
0.1291

■ 10.1437, 0.1663,
0.1052

■ 7.9850, 0.1581,
0.0863

Harmonies

Analogous

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



65.2724, 0.2992, 0.3191



65.2724, 0.3031, 0.3166



65.2724, 0.3096, 0.3174

Triad

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



65.2724, 0.3031, 0.3166



65.2724, 0.3268, 0.3334



65.2724, 0.3083, 0.3371

Complementary

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



65.2724, 0.3031, 0.3166



70.7340, 0.3223, 0.3411

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.



65.2724, 0.3157, 0.3410



65.2724, 0.3031, 0.3166



65.2724, 0.3264, 0.3388

Square

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



65.2724, 0.3031, 0.3166



65.2724, 0.3234, 0.3270



65.2724, 0.3223, 0.3416



65.2724, 0.3022, 0.3309

Rectangle

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



65.2724, 0.3031, 0.3166



65.2724, 0.3146, 0.3196



65.2724, 0.3223, 0.3416



65.2724, 0.3107, 0.3387

Sweetspot

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



65.2752, 0.3031, 0.3166



96.5184, 0.3097, 0.3251



70.7593, 0.3049, 0.3324



20.6954, 0.3099, 0.3253



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.



65.2752, 0.3031, 0.3166



86.5417, 0.3003, 0.3130



64.3743, 0.3060, 0.3133



13.7191, 0.2981, 0.3100



4.5105, 0.1563, 0.0828



0.4436, 0.1642, 0.1110

Inverse Universe

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



65.3414, 0.3212, 0.3257



86.6793, 0.3237, 0.3247



71.7010, 0.3191, 0.3445



13.7486, 0.3258, 0.3240



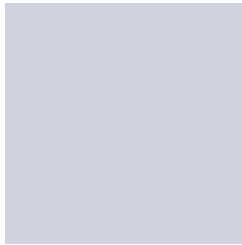
9.3634, 0.6025, 0.3093



0.6622, 0.5596, 0.2856

Previews

White Background



This preview shows how the Yxy color 65.2724, 0.3031, 0.3166 looks on a white background.

Color Contrast Check

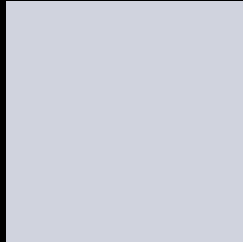
Large Text (above 18pt) WCAG AA × Fail

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 65.2724, 0.3031, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

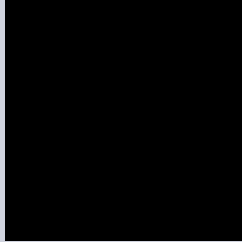
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

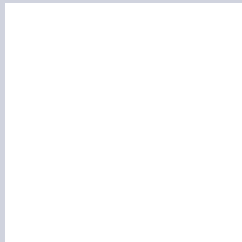
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2724, 0.3031, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 65.2724, 0.3031, 0.3166.

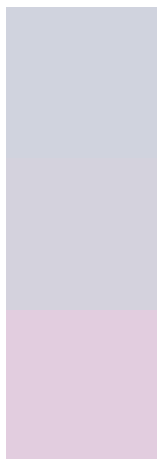


This preview shows how white text looks on a background with the Yxy color 65.2724, 0.3031, 0.3166.

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

65.2724, 0.3031, 0.3166

Protanopia

65.3107, 0.3067, 0.3167

Deuteranopia

65.1591, 0.3159, 0.3095



Tritanopia

65.1945, 0.3005, 0.3100

Trichromacy



Original Color

65.2724, 0.3031, 0.3166

Protanomaly

65.1625, 0.3060, 0.3166

Deuteranomaly

65.0134, 0.3106, 0.3114

Tritanomaly

65.0847, 0.3018, 0.3122

Monochromacy



Original Color

65.2724, 0.3031, 0.3166

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1965, 0.3092, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2724, 0.3031, 0.3166 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(208, 211, 222)` looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 222)  
}
```

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(208, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 222) }
```

Border

The CSS property to change the border of an element to Yxy 65.2724, 0.3031, 0.3166 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(208, 211, 222) }
```

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

```
.border{ border-color:rgb(208, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2724, 0.3031, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 222) }
```

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

```
.background{ background-color: rgb(208,  
211, 222) }
```

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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