

Converting Colors

Yxy(66.8468, 0.2816, 0.3070)

Have a look what the booklet for
Yxy(66.8468, 0.2816, 0.3070)
contains.

Yxy(66.6873, 0.2816, 0.3062)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.6873, 0.2816, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BED9ED</code>
RGB	190, 217, 237
RGB Percent	75%, 85%, 93%
CMY	0.2550, 0.1490, 0.0705
CMYK	0.20, 0.08, 0.00, 0.07
HSL	206°, 57%, 84%
HSV	206°, 20%, 93%
XYZ	61.3297, 66.6873, 89.7730
YIQ	211.2070, -22.5120, 0.4960

Conversions

Conversions Part 2

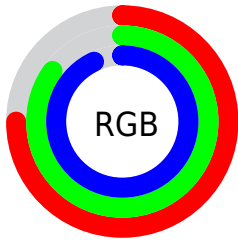
Format	Color
R _Y B	190, 207, 237
Decimal	12507629
CIE Lab	85.35, -4.77, -12.81
CIE LCh	85, 13.665, 249.561
Yxy	66.6873, 0.2816, 0.3062
Android (android.graphics.Color)	4290697709 (0xFFBED9ED)
YUV	211.2070, 12.7159, -18.5985
Hunter-Lab	81.6623, -8.8527, -8.0151

Details

The Yxy color **66.6873, 0.2816, 0.3062** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8047, 0.3480, 0.3508**, and the grayscale version is **65.2094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **34.4111, 0.2743, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **58.8443, 0.2657, 0.2929**, and if you desaturate by 10%, it is **75.3493, 0.2975, 0.3183**.

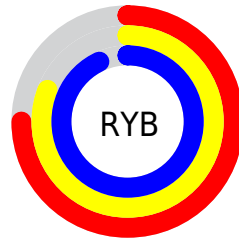
Distribution



Red (75%)

Green (85%)

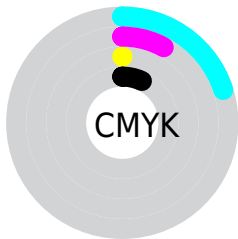
Blue (93%)



Red (75%)

Yellow (81%)

Blue (93%)

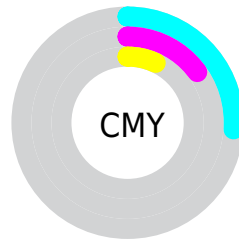


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6873, 0.2816, 0.3062 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 66.6873, 0.2816, 0.3062 by changing the saturation by 10% instead.

■ 66.6873, 0.2816,
0.3062

■ 66.6873, 0.2816,
0.3062

■ 448.8309, 0.2961,
0.3170

■ 48.8305, 0.2783,
0.3037

■ 114.4722, 0.2866,
0.3100

■ 34.4851, 0.2742,
0.3005

■ 145.1692, 0.2886,
0.3114

■ 23.2665, 0.2689,
0.2965

■ 180.9150, 0.2903,
0.3127

■ 14.7904, 0.2621,
0.2912

■ 222.0941, 0.2917,
0.3138

■ 8.6724, 0.2527,
0.2838

■ 269.0908, 0.2930,
0.3147

■ 4.5281, 0.2392,
0.2730

■ 322.2896, 0.2942,

■ 1.9732, 0.2180,

0.3156

0.2555

382.0748, 0.2952,
0.3163

0.5918, 0.1652,
0.2192

0.0000, 0.0000,
0.0000

66.6873, 0.2816,
0.3062

66.6873, 0.2816,
0.3062

58.8443, 0.2657,
0.2929

75.3493, 0.2975,
0.3183

51.7826, 0.2499,
0.2785

84.8500, 0.3129,
0.3292

45.4732, 0.2349,
0.2631

94.0481, 0.3239,
0.3390

39.8817, 0.2209,
0.2469

98.8955, 0.3232,
0.3463

■ 34.9703, 0.2086,
0.2303

■ 30.6965, 0.1981,
0.2136

■ 27.0107, 0.1899,
0.1972

■ 23.8341, 0.1837,
0.1813

■ 23.7894, 0.1836,
0.1811

Harmonies

Analogous

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



66.6873, 0.2810, 0.3182



66.6873, 0.2816, 0.3062



66.6873, 0.2902, 0.3007

Triad

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



66.6873, 0.2816, 0.3062



66.6873, 0.3372, 0.3238



66.6873, 0.3198, 0.3574

Complementary

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



66.6873, 0.2816, 0.3062



67.8047, 0.3480, 0.3508

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.



66.6873, 0.3352, 0.3582



66.6873, 0.2816, 0.3062



66.6873, 0.3455, 0.3384

Square

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



66.6873, 0.2816, 0.3062



66.6873, 0.3222, 0.3108



66.6873, 0.3447, 0.3511



66.6873, 0.3028, 0.3483

Rectangle

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



66.6873, 0.2816, 0.3062



66.6873, 0.2996, 0.3011



66.6873, 0.3447, 0.3511



66.6873, 0.3253, 0.3586

Sweetspot

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



66.6900, 0.2816, 0.3062



93.1318, 0.3034, 0.3226



76.1537, 0.2986, 0.3604



19.7788, 0.3024, 0.3219



0.0000, 0.0000, 0.0000



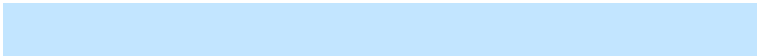
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6900, 0.2816, 0.3062



74.6884, 0.2748, 0.3007



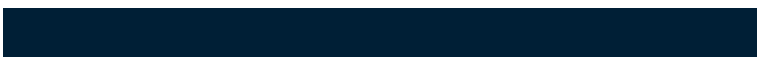
55.5926, 0.2799, 0.2789



15.9867, 0.2981, 0.3187



13.2516, 0.1844, 0.1837



1.2306, 0.1905, 0.2057

Inverse Universe

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



59.8310, 0.3303, 0.3000



65.4104, 0.3349, 0.2935



80.0568, 0.3434, 0.3746



15.1992, 0.3203, 0.3155



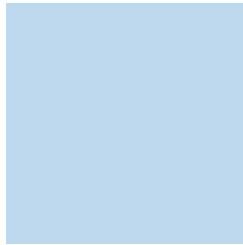
10.8306, 0.4642, 0.2331



0.8696, 0.4389, 0.2191

Previews

White Background



This preview shows how the Yxy color 66.6873, 0.2816, 0.3062 looks on a white background.

Color Contrast Check

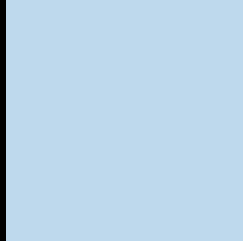
Large Text (above 18pt) WCAG AA × Fail

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 66.6873, 0.2816, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

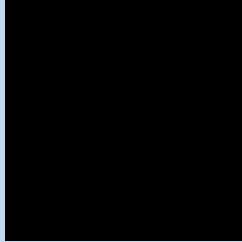
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

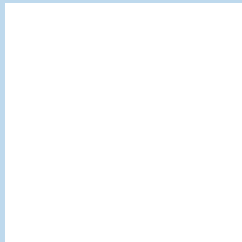
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6873, 0.2816, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 66.6873, 0.2816, 0.3062.



This preview shows how white text looks on a background with the Yxy color 66.6873, 0.2816, 0.3062.

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

66.6873, 0.2816, 0.3062

Protanopia

66.3779, 0.2974, 0.3036

Deuteranopia

66.2298, 0.3012, 0.2946



Tritanopia

66.5710, 0.2828, 0.3084

Trichromacy



Original Color

66.6873, 0.2816, 0.3062

Protanomaly

66.2832, 0.2912, 0.3044

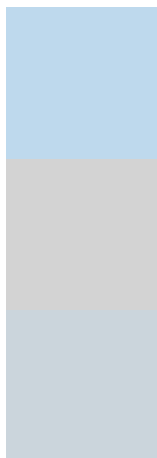
Deuteranomaly

66.4632, 0.2941, 0.2993

Tritanomaly

66.6290, 0.2822, 0.3073

Monochromacy



Original Color

66.6873, 0.2816, 0.3062

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4523, 0.3008, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6873, 0.2816, 0.3062 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(190, 217, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 217, 237)  
}
```

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(190, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 217, 237) }
```

Border

The CSS property to change the border of an element to Yxy 66.6873, 0.2816, 0.3062 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(190, 217, 237) }
```

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

```
.border{ border-color:rgb(190, 217, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 217, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 217,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6873, 0.2816, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 217, 237) }
```

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

```
.background{ background-color: rgb(190,  
217, 237) }
```

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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