

Converting Colors

$Yxy(66.2437, 0.2708, 0.3080)$

Have a look what the booklet for
Yxy(66.2437, 0.2708, 0.3080)
contains.

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Color

Yxy(66.2437, 0.2708, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	ADDCEE
RGB	173, 220, 238
RGB Percent	68%, 86%, 93%
CMY	0.3219, 0.1372, 0.0667
CMYK	0.27, 0.08, 0.00, 0.07
HSL	197°, 66%, 81%
HSV	197°, 27%, 93%
XYZ	58.2428, 66.2437, 90.5904
YIQ	207.9990, -33.7900, -4.3660

Conversions

Conversions Part 2

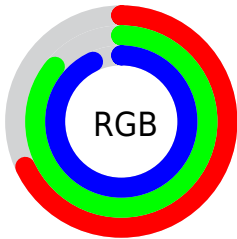
Format	Color
R _{YB}	173, 200, 238
Decimal	11394286
CIE _{Lab}	85.12, -11.18, -13.76
CIE _{LCh}	85, 17.727, 230.920
Yxy	66.2437, 0.2708, 0.3080
Android (android.graphics.Color)	4289584366 (0xFFADDCEE)
YUV	207.9990, 14.7905, -30.6941
Hunter-Lab	81.3902, -14.6983, -9.0189

Details

The Yxy color **66.2437, 0.2708, 0.3080** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3940, 0.3669, 0.3490**, and the grayscale version is **62.9856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **34.2096, 0.2611, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **60.3917, 0.2563, 0.2990**, and if you desaturate by 10%, it is **72.7196, 0.2859, 0.3163**.

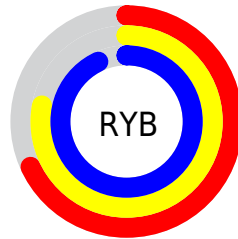
Distribution



Red (68%)

Green (86%)

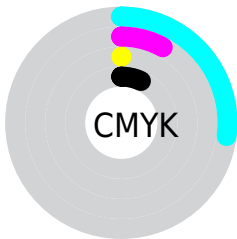
Blue (93%)



Red (68%)

Yellow (78%)

Blue (93%)

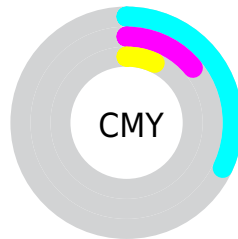


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (32%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2437, 0.2708, 0.3080 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 66.2437, 0.2708, 0.3080 by changing the saturation by 10% instead.

■ 66.2437, 0.2708,
0.3080

■ 66.2437, 0.2708,
0.3080

447.2479, 0.2902,
0.3181

■ 48.4703, 0.2664,
0.3056

■ 113.8360, 0.2775,
0.3116

■ 34.1994, 0.2609,
0.3026

144.4237, 0.2802,
0.3130

■ 23.0469, 0.2539,
0.2987

180.0516, 0.2824,
0.3141

■ 14.6281, 0.2449,
0.2934

221.1041, 0.2844,
0.3152

■ 8.5588, 0.2326,
0.2861

267.9656, 0.2861,
0.3160

■ 4.4545, 0.2150,
0.2751

321.0205, 0.2877,

■ 1.9309, 0.1881,

0.3168

380.6531, 0.2890,
0.3175

0.2569

0.5669, 0.1042,
0.2221

0.0000, 0.0000,
0.0000

66.2437, 0.2708,
0.3080

66.2437, 0.2708,
0.3080

60.3917, 0.2563,
0.2990

72.7196, 0.2859,
0.3163

55.1284, 0.2427,
0.2895

79.8366, 0.3014,
0.3239

50.4269, 0.2305,
0.2795

87.6211, 0.3168,
0.3308

46.2544, 0.2199,
0.2692

93.5238, 0.3234,
0.3371

■ 42.5742, 0.2112,
0.2587

■ 97.5966, 0.3228,
0.3434

■ 39.3430, 0.2045,
0.2482

■ 98.9520, 0.3226,
0.3454

■ 36.5048, 0.1998,
0.2379

■ 35.7932, 0.1987,
0.2351

Harmonies

Analogous

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



66.2437, 0.2767, 0.3270



66.2437, 0.2708, 0.3080



66.2437, 0.2756, 0.2956

Triad

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



66.2437, 0.2708, 0.3080



66.2437, 0.3330, 0.3114



66.2437, 0.3348, 0.3681

Complementary

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



66.2437, 0.2708, 0.3080



58.3940, 0.3669, 0.3490

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.



66.2437, 0.3508, 0.3621



66.2437, 0.2708, 0.3080



66.2437, 0.3500, 0.3292

Square

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



66.2437, 0.2708, 0.3080



66.2437, 0.3110, 0.2980



66.2437, 0.3565, 0.3477



66.2437, 0.3132, 0.3629

Rectangle

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



66.2437, 0.2708, 0.3080



66.2437, 0.2843, 0.2923



66.2437, 0.3565, 0.3477



66.2437, 0.3411, 0.3673

Sweetspot

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



66.2464, 0.2708, 0.3080



92.7946, 0.3003, 0.3234



73.7426, 0.2991, 0.3862



19.5839, 0.2980, 0.3223



0.0000, 0.0000, 0.0000



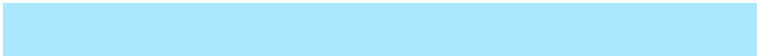
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2464, 0.2708, 0.3080



73.4487, 0.2623, 0.3029



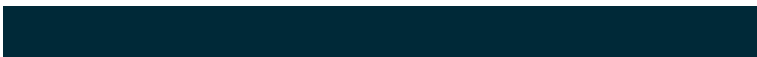
51.0550, 0.2669, 0.2690



17.1483, 0.2981, 0.3223



20.2001, 0.1991, 0.2368



1.8461, 0.2029, 0.2504

Inverse Universe

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



53.1976, 0.3304, 0.2786



56.1427, 0.3352, 0.2677



73.8563, 0.3580, 0.3825



15.9526, 0.3180, 0.3121



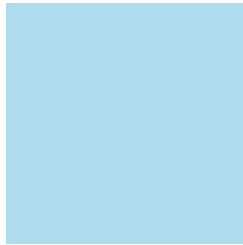
11.8326, 0.4056, 0.2008



1.0011, 0.3919, 0.1932

Previews

White Background



This preview shows how the Yxy color 66.2437, 0.2708, 0.3080 looks on a white background.

Color Contrast Check

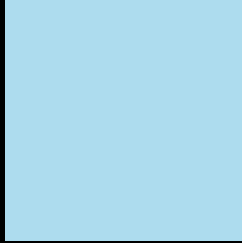
Large Text (above 18pt) WCAG AA × Fail

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 66.2437, 0.2708, 0.3080 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 66.2437, 0.2708, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 66.2437, 0.2708, 0.3080.

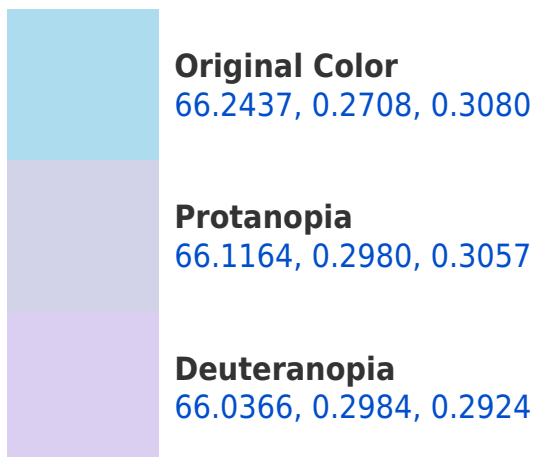


This preview shows how white text looks on a background with the Yxy color 66.2437, 0.2708, 0.3080.

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





Tritanopia

66.2437, 0.2708, 0.3080

Trichromacy



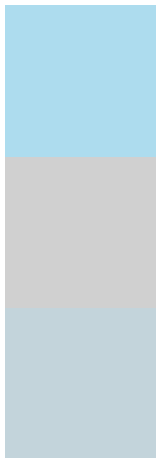
Original Color
66.2437, 0.2708, 0.3080

Protanomaly
65.9040, 0.2878, 0.3063

Deuteranomaly
65.9348, 0.2874, 0.2978

Tritanomaly
66.2437, 0.2708, 0.3080

Monochromacy



Original Color
66.2437, 0.2708, 0.3080

Achromatopsia
63.0757, 0.3127, 0.3290

Achromatomaly
63.8035, 0.2958, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2437, 0.2708, 0.3080 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(173, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(173, 220, 238)  
}
```

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(173, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 220, 238) }
```

Border

The CSS property to change the border of an element to Yxy 66.2437, 0.2708, 0.3080 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(173, 220, 238) }
```

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

```
.border{ border-color:rgb(173, 220, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(173, 220,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2437, 0.2708, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 220, 238) }
```

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

```
.background{ background-color: rgb(173,  
220, 238) }
```

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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