

Converting Colors

$Yxy(63.1714, 0.2571, 0.3013)$

Have a look what the booklet for
Yxy(63.1714, 0.2571, 0.3013)
contains.

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Color

Yxy(63.1691, 0.2571, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	98DAF1
RGB	152, 218, 241
RGB Percent	60%, 85%, 95%
CMY	0.4038, 0.1451, 0.0548
CMYK	0.37, 0.10, 0.00, 0.05
HSL	196°, 76%, 77%
HSV	196°, 37%, 95%
XYZ	53.9023, 63.1691, 92.5837
YIQ	200.8880, -46.7190, -6.8390

Conversions

Conversions Part 2

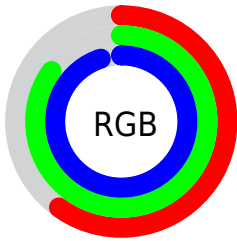
Format	Color
R_{YB}	152, 190, 241
Decimal	10017521
CIE _{Lab}	83.53, -15.15, -17.87
CIE _{LCh}	84, 23.427, 229.714
Yxy	63.1691, 0.2571, 0.3013
Android (android.graphics.Color)	4288207601 (0xFF98DAF1)
YUV	200.8880, 19.7752, -42.8748
Hunter-Lab	79.4790, -18.0302, -13.4306

Details

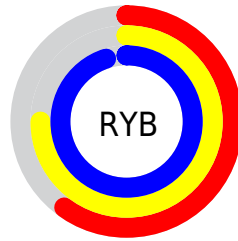
The Yxy color **63.1691, 0.2571, 0.3013** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.6489, 0.3935, 0.3547**, and the grayscale version is **58.2374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **32.2386, 0.2441, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **57.9041, 0.2437, 0.2924**, and if you desaturate by 10%, it is **69.0332, 0.2715, 0.3097**.

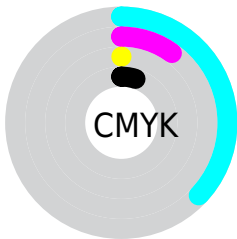
Distribution



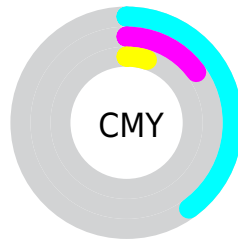
- Red (60%)
- Green (85%)
- Blue (95%)



- Red (60%)
- Yellow (75%)
- Blue (95%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)





- Cyan (40%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1691, 0.2571, 0.3013 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 63.1691, 0.2571, 0.3013 by changing the saturation by 10% instead.

 63.1691, 0.2571,
0.3013


 63.1691, 0.2571,
0.3013


436.1829, 0.2829,
0.3149

 45.9780, 0.2512,
0.2980


 109.4134, 0.2661,
0.3061

 32.2285, 0.2439,
0.2939


 139.2355, 0.2695,
0.3080

 21.5361, 0.2347,
0.2886

174.0366, 0.2726,
0.3096

 13.5164, 0.2228,
0.2814

214.2013, 0.2752,
0.3109

 7.7851, 0.2067,
0.2712

260.1139, 0.2775,
0.3121

 3.9578, 0.1839,
0.2559

312.1587, 0.2795,

 1.6500, 0.1499,

0.3131

0.2307

370.7203, 0.2813,
0.3140

0.3909, 0.0008,
0.1732

0.0000, 0.0000,
0.0000

63.1691, 0.2571,
0.3013

63.1691, 0.2571,
0.3013

57.9041, 0.2437,
0.2924

69.0332, 0.2715,
0.3097

53.2007, 0.2316,
0.2831

75.5166, 0.2866,
0.3174

49.0280, 0.2212,
0.2735

82.6475, 0.3020,
0.3245

45.3485, 0.2127,
0.2637

90.4500, 0.3175,
0.3309

■ 42.1184, 0.2061,
0.2539

■ 95.4683, 0.3213,
0.3369

■ 39.2819, 0.2016,
0.2443

■ 99.1319, 0.3208,
0.3424

■ 38.4617, 0.2004,
0.2413

Harmonies

Analogous

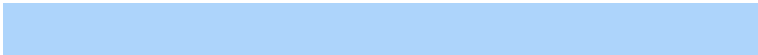
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.1691, 0.2653, 0.3271



63.1691, 0.2571, 0.3013



63.1691, 0.2628, 0.2847

Triad

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



63.1691, 0.2571, 0.3013



63.1691, 0.3388, 0.3046



63.1691, 0.3431, 0.3817

Complementary

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



63.1691, 0.2571, 0.3013



51.6489, 0.3935, 0.3547

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.



63.1691, 0.3645, 0.3725



63.1691, 0.2571, 0.3013



63.1691, 0.3622, 0.3279

Square

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



63.1691, 0.2571, 0.3013



63.1691, 0.3089, 0.2876



63.1691, 0.3717, 0.3524



63.1691, 0.3143, 0.3757

Rectangle

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



63.1691, 0.2571, 0.3013



63.1691, 0.2739, 0.2803



63.1691, 0.3717, 0.3524



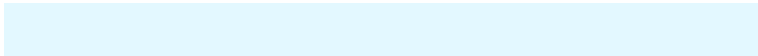
63.1691, 0.3515, 0.3802

Sweetspot

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



63.1716, 0.2571, 0.3013



90.5205, 0.2957, 0.3217



72.6655, 0.2956, 0.4124



19.1387, 0.2936, 0.3207



0.0000, 0.0000, 0.0000



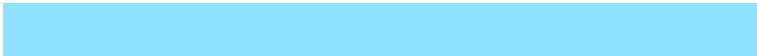
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1716, 0.2571, 0.3013



67.4223, 0.2473, 0.2949



43.4074, 0.2491, 0.2456



17.1965, 0.2981, 0.3227



21.0829, 0.2008, 0.2429



1.9134, 0.2043, 0.2556

Inverse Universe

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



46.2303, 0.3371, 0.2590



46.3347, 0.3434, 0.2457



71.5145, 0.3761, 0.4002



15.9575, 0.3177, 0.3117



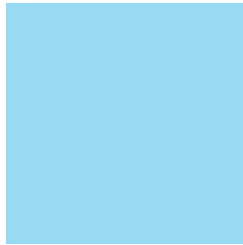
11.9217, 0.3993, 0.1974



1.0079, 0.3867, 0.1904

Previews

White Background



This preview shows how the Yxy color 63.1691, 0.2571, 0.3013 looks on a white background.

Color Contrast Check

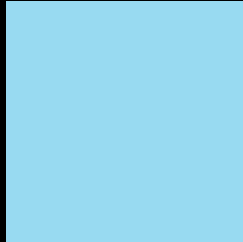
Large Text (above 18pt) WCAG AA × Fail

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 63.1691, 0.2571, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

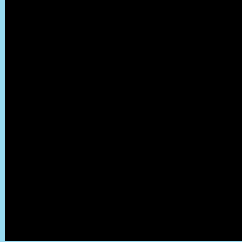
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1691, 0.2571, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 63.1691, 0.2571, 0.3013.



This preview shows how white text looks on a background with the Yxy color 63.1691, 0.2571, 0.3013.

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

63.1691, 0.2571, 0.3013

Protanopia

62.7223, 0.2923, 0.2985

Deuteranopia

62.4744, 0.2900, 0.2830



Tritanopia

63.2985, 0.2593, 0.3083

Trichromacy



Original Color

63.1691, 0.2571, 0.3013

Protanomaly

62.3397, 0.2778, 0.2988

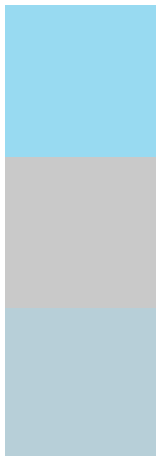
Deuteranomaly

62.4016, 0.2767, 0.2891

Tritanomaly

63.4154, 0.2583, 0.3060

Monochromacy



Original Color

63.1691, 0.2571, 0.3013

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.6508, 0.2892, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1691, 0.2571, 0.3013 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(152, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(152, 218, 241)  
}
```

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(152, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 218, 241) }
```

Border

The CSS property to change the border of an element to Yxy 63.1691, 0.2571, 0.3013 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(152, 218, 241) }
```

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

```
.border{ border-color:rgb(152, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(152, 218,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1691, 0.2571, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 218, 241) }
```

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

```
.background{ background-color: rgb(152,  
218, 241) }
```

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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