

Converting Colors

$Yxy(62.2154, 0.2489, 0.2993)$

Have a look what the booklet for
Yxy(62.2154, 0.2489, 0.2993)
contains.

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Color

Yxy(61.9322, 0.2485, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	89DAF3
RGB	137, 218, 243
RGB Percent	54%, 85%, 95%
CMY	0.4625, 0.1451, 0.0470
CMYK	0.44, 0.10, 0.00, 0.05
HSL	194°, 82%, 75%
HSV	194°, 44%, 95%
XYZ	51.5756, 61.9322, 94.0398
YIQ	196.6310, -56.3010, -9.3970

Conversions

Conversions Part 2

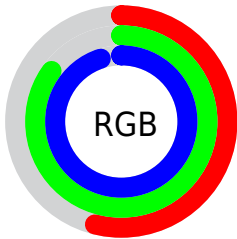
Format	Color
R _Y B	137, 183, 243
Decimal	9034483
CIE Lab	82.88, -18.37, -19.99
CIE LCh	83, 27.148, 227.409
Yxy	61.9322, 0.2485, 0.2984
Android (android.graphics.Color)	4287224563 (0xFF89DAF3)
YUV	196.6310, 22.8599, -52.2964
Hunter-Lab	78.6970, -20.7364, -15.7613

Details

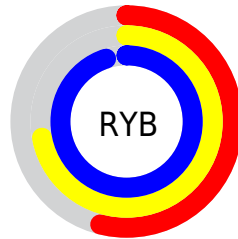
The Yxy color **61.9322, 0.2485, 0.2984** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.7405, 0.4154, 0.3568**, and the grayscale version is **55.4971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **31.4445, 0.2331, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **57.1800, 0.2362, 0.2901**, and if you desaturate by 10%, it is **67.2548, 0.2621, 0.3063**.

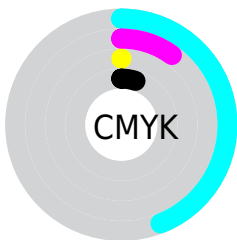
Distribution



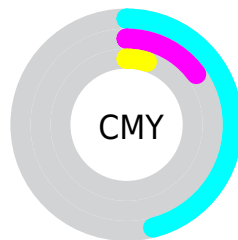
- Red (54%)
- Green (85%)
- Blue (95%)



- Red (54%)
- Yellow (72%)
- Blue (95%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)




- Cyan (46%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9322, 0.2485, 0.2984 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 61.9322, 0.2485, 0.2984 by changing the saturation by 10% instead.

 61.9322, 0.2485,
0.2984

 61.9322, 0.2485,
0.2984

431.6837, 0.2783,
0.3135

 44.9779, 0.2417,
0.2947


 107.6275, 0.2588,
0.3038

 31.4400, 0.2334,
0.2901


 137.1374, 0.2628,
0.3059

 20.9342, 0.2229,
0.2840


171.6012, 0.2663,
0.3076

 13.0759, 0.2092,
0.2758

211.4034, 0.2693,
0.3092

 7.4808, 0.1910,
0.2642

256.9283, 0.2720,
0.3105

 3.7646, 0.1655,
0.2467

308.5605, 0.2743,

 1.5428, 0.1284,

0.3116

0.2181

366.6841, 0.2764,
0.3126

0.3185, 0.0000,
0.1390

0.0000, 0.0000,
0.0000

61.9322, 0.2485,
0.2984

61.9322, 0.2485,
0.2984

57.1800, 0.2362,
0.2901

67.2548, 0.2621,
0.3063

52.9586, 0.2255,
0.2814

73.1702, 0.2766,
0.3138

49.2340, 0.2167,
0.2726

79.7079, 0.2917,
0.3206

45.9643, 0.2098,
0.2637

86.8933, 0.3072,
0.3269

■ 43.0986, 0.2050,
0.2550

■ 94.0646, 0.3203,
0.3326

■ 41.4271, 0.2026,
0.2494

■ 97.6238, 0.3199,
0.3381

■ 99.2519, 0.3197,
0.3405

Harmonies

Analogous

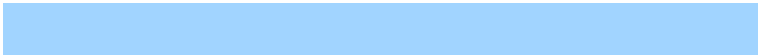
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.9322, 0.2591, 0.3290



61.9322, 0.2485, 0.2984



61.9322, 0.2538, 0.2785

Triad

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



61.9322, 0.2485, 0.2984



61.9322, 0.3405, 0.2989



61.9322, 0.3503, 0.3904

Complementary

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



61.9322, 0.2485, 0.2984



46.7405, 0.4154, 0.3568

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.



61.9322, 0.3743, 0.3778



61.9322, 0.2485, 0.2984



61.9322, 0.3689, 0.3252

Square

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



61.9322, 0.2485, 0.2984



61.9322, 0.3054, 0.2801



61.9322, 0.3815, 0.3536



61.9322, 0.3170, 0.3852

Rectangle

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



61.9322, 0.2485, 0.2984



61.9322, 0.2658, 0.2729



61.9322, 0.3815, 0.3536



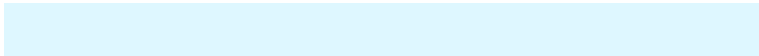
61.9322, 0.3598, 0.3880

Sweetspot

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



61.9346, 0.2485, 0.2984



89.3514, 0.2926, 0.3210



72.0355, 0.2939, 0.4331



18.7644, 0.2892, 0.3195



0.0000, 0.0000, 0.0000



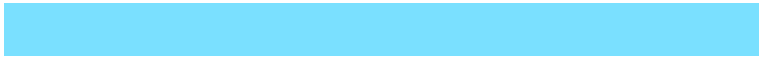
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9346, 0.2485, 0.2984



64.5260, 0.2379, 0.2913



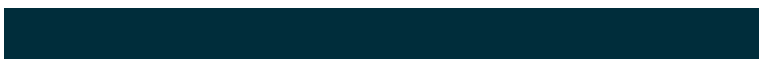
38.8242, 0.2368, 0.2297



18.0555, 0.2980, 0.3233



22.9514, 0.2030, 0.2508



2.1734, 0.2060, 0.2617

Inverse Universe

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



42.0311, 0.3406, 0.2444



40.6419, 0.3480, 0.2294



69.3459, 0.3896, 0.4111



16.6974, 0.3174, 0.3111



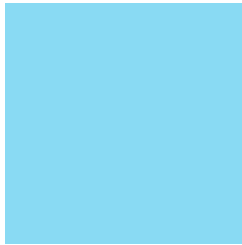
12.4163, 0.3915, 0.1930



1.1070, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 61.9322, 0.2485, 0.2984 looks on a white background.

Color Contrast Check

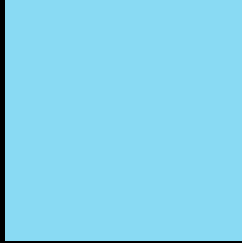
Large Text (above 18pt) WCAG AA × Fail

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 61.9322, 0.2485, 0.2984 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 61.9322, 0.2485, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 61.9322, 0.2485, 0.2984.



This preview shows how white text looks on a background with the Yxy color 61.9322, 0.2485, 0.2984.

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

61.9322, 0.2485, 0.2984

Protanopia

61.5438, 0.2902, 0.2950

Deuteranopia

61.4678, 0.2846, 0.2783



Tritanopia

61.9284, 0.2506, 0.3067

Trichromacy



Original Color

61.9322, 0.2485, 0.2984

Protanomaly

61.1803, 0.2732, 0.2962

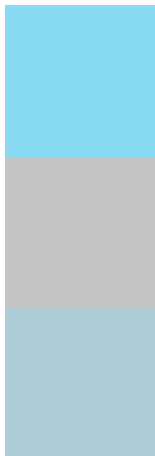
Deuteranomaly

60.9828, 0.2691, 0.2841

Tritanomaly

62.1293, 0.2501, 0.3043

Monochromacy



Original Color

61.9322, 0.2485, 0.2984

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.6316, 0.2849, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9322, 0.2485, 0.2984 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(137, 218, 243)` looks like.

```
.text, #text, p{  
    color:rgb(137, 218, 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(137, 218, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 218, 243) }
```

Border

The CSS property to change the border of an element to Yxy 61.9322, 0.2485, 0.2984 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(137, 218, 243) }
```

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

```
.border{ border-color:rgb(137, 218, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 218, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 218, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 218, 243);  
box-shadow:4px 4px 4px 4px rgb(137, 218,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9322, 0.2485, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 218, 243) }
```

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

```
.background{ background-color: rgb(137,  
218, 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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