

Converting Colors

$Yxy(66.0723, 0.2523, 0.3073)$

Have a look what the booklet for
Yxy(66.0723, 0.2523, 0.3073)
contains.

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Color

Yxy(66.0723, 0.2523, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	8EE1F3
RGB	142, 225, 243
RGB Percent	56%, 88%, 95%
CMY	0.4435, 0.1176, 0.0470
CMYK	0.42, 0.07, 0.00, 0.05
HSL	191°, 81%, 75%
HSV	191°, 42%, 95%
XYZ	54.2468, 66.0723, 94.6900
YIQ	202.2350, -55.2460, -11.9980

Conversions

Conversions Part 2

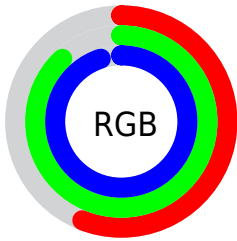
Format	Color
R_{YB}	142, 188, 243
Decimal	9363955
CIE _{Lab}	85.03, -20.74, -16.71
CIE _{LCh}	85, 26.634, 218.850
Yxy	66.0723, 0.2523, 0.3073
Android (android.graphics.Color)	4287554035 (0xFF8EE1F3)
YUV	202.2350, 20.0971, -52.8261
Hunter-Lab	81.2849, -23.1236, -12.1684

Details

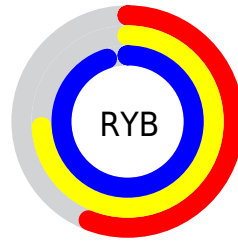
The Yxy color **66.0723, 0.2523, 0.3073** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1119, 0.4118, 0.3491**, and the grayscale version is **59.1047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **34.2686, 0.2386, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **61.8479, 0.2404, 0.3012**, and if you desaturate by 10%, it is **70.8294, 0.2655, 0.3131**.

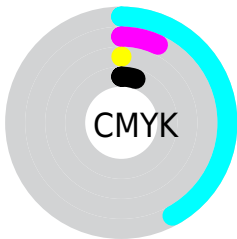
Distribution



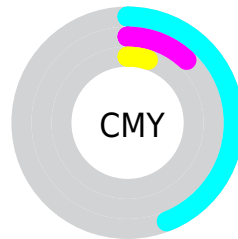
- Red (56%)
- Green (88%)
- Blue (95%)



- Red (56%)
- Yellow (74%)
- Blue (95%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)




- Cyan (44%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0723, 0.2523, 0.3073 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 66.0723, 0.2523, 0.3073 by changing the saturation by 10% instead.


 66.0723, 0.2523,
0.3073


 66.0723, 0.2523,
0.3073


446.6354, 0.2801,
0.3181

 48.3311, 0.2460,
0.3047


 113.5901, 0.2619,
0.3112

 34.0892, 0.2383,
0.3013


 144.1355, 0.2656,
0.3127

 22.9621, 0.2286,
0.2969


179.7177, 0.2689,
0.3139

 14.5655, 0.2161,
0.2909

220.7212, 0.2717,
0.3150

 8.5150, 0.1995,
0.2825

267.5303, 0.2742,
0.3159

 4.4262, 0.1762,
0.2695

320.5294, 0.2764,

 1.9147, 0.1421,

0.3168

0.2479

380.1030, 0.2783,
0.3175

0.5572, 0.0089,
0.2140

0.0000, 0.0000,
0.0000

66.0723, 0.2523,
0.3073

66.0723, 0.2523,
0.3073

61.8479, 0.2404,
0.3012

70.8294, 0.2655,
0.3131

58.1174, 0.2302,
0.2948


76.1399, 0.2798,
0.3186


54.8483, 0.2218,
0.2884


82.0326, 0.2948,
0.3237

52.0007, 0.2154,
0.2819


88.5319, 0.3102,
0.3283

 49.5265, 0.2109,
0.2754

 94.0298, 0.3203,
0.3325

 47.6738, 0.2084,
0.2701

 96.6996, 0.3200,
0.3367

 99.2513, 0.3197,
0.3405

Harmonies

Analogous

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



66.0723, 0.2667, 0.3383



66.0723, 0.2523, 0.3073



66.0723, 0.2530, 0.2846

Triad

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



66.0723, 0.2523, 0.3073



66.0723, 0.3300, 0.2940



66.0723, 0.3567, 0.3861

Complementary

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



66.0723, 0.2523, 0.3073



46.1119, 0.4118, 0.3491

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.



66.0723, 0.3757, 0.3702



66.0723, 0.2523, 0.3073



66.0723, 0.3601, 0.3177

Square

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



66.0723, 0.2523, 0.3073



66.0723, 0.2964, 0.2785



66.0723, 0.3772, 0.3451



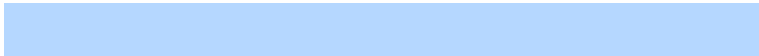
66.0723, 0.3264, 0.3862

Rectangle

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



66.0723, 0.2523, 0.3073



66.0723, 0.2619, 0.2766



66.0723, 0.3772, 0.3451



66.0723, 0.3647, 0.3823

Sweetspot

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



66.0749, 0.2523, 0.3073



91.2268, 0.2942, 0.3235



72.3414, 0.2981, 0.4363



19.3347, 0.2922, 0.3228



0.0000, 0.0000, 0.0000



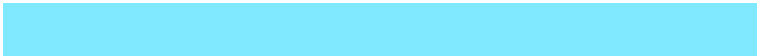
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0749, 0.2523, 0.3073



69.6621, 0.2421, 0.3021



43.1121, 0.2420, 0.2439



18.2268, 0.2980, 0.3247



26.3445, 0.2086, 0.2711



2.4437, 0.2109, 0.2791

Inverse Universe

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



43.8126, 0.3335, 0.2426



42.4124, 0.3390, 0.2264



66.7573, 0.3887, 0.4009



16.7147, 0.3165, 0.3098



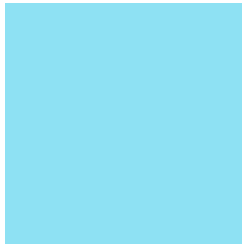
12.7589, 0.3718, 0.1822



1.1343, 0.3643, 0.1780

Previews

White Background



This preview shows how the Yxy color 66.0723, 0.2523, 0.3073 looks on a white background.

Color Contrast Check

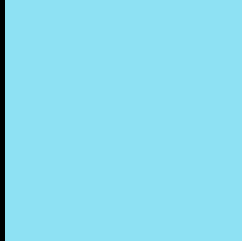
Large Text (above 18pt) WCAG AA × Fail

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 66.0723, 0.2523, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

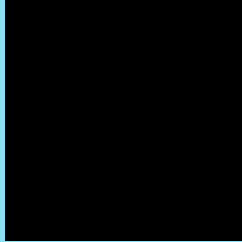
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0723, 0.2523, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 66.0723, 0.2523, 0.3073.

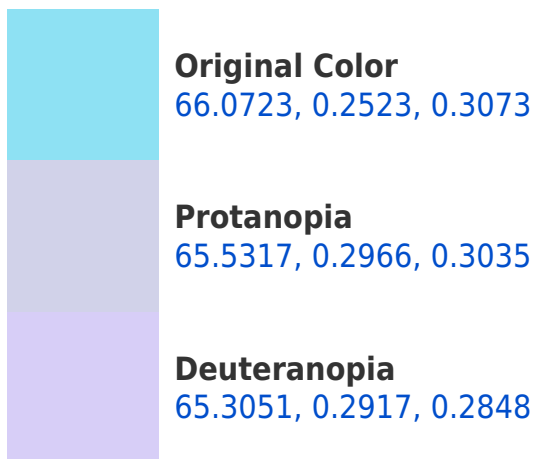


This preview shows how white text looks on a background with the Yxy color 66.0723, 0.2523, 0.3073.

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

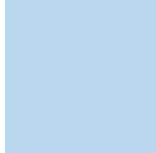
66.0723, 0.2523, 0.3073

Trichromacy



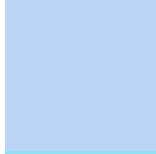
Original Color

66.0723, 0.2523, 0.3073



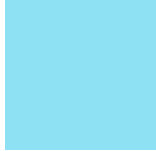
Protanomaly

65.0296, 0.2783, 0.3037



Deuteranomaly

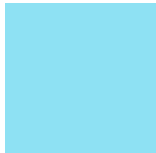
64.9337, 0.2748, 0.2917



Tritanomaly

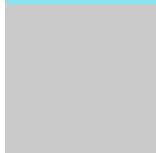
66.0723, 0.2523, 0.3073

Monochromacy



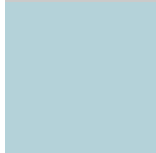
Original Color

66.0723, 0.2523, 0.3073



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

60.8062, 0.2867, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0723, 0.2523, 0.3073 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(142, 225, 243)` looks like.

```
.text, #text, p{  
    color:rgb(142, 225, 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(142, 225, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 225, 243) }
```

Border

The CSS property to change the border of an element to Yxy 66.0723, 0.2523, 0.3073 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(142, 225, 243) }
```

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

```
.border{ border-color:rgb(142, 225, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 225, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 225, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 225, 243);  
box-shadow:4px 4px 4px 4px rgb(142, 225,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0723, 0.2523, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 225, 243) }
```

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

```
.background{ background-color: rgb(142,  
225, 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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