

Converting Colors

$Yxy(52.4473, 0.2442, 0.3062)$

Have a look what the booklet for
Yxy(52.4473, 0.2442, 0.3062)
contains.

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Color

Yxy(52.4473, 0.2442, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	71CDDE
RGB	113, 205, 222
RGB Percent	44%, 80%, 87%
CMY	0.5567, 0.1961, 0.1295
CMYK	0.49, 0.08, 0.00, 0.13
HSL	189°, 62%, 66%
HSV	189°, 49%, 87%
XYZ	41.8277, 52.4473, 77.0095
YIQ	179.4300, -60.2890, -14.2170

Conversions

Conversions Part 2

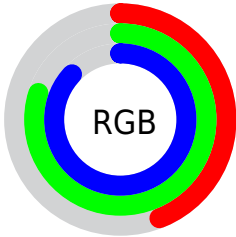
Format	Color
R _{YB}	113, 163, 222
Decimal	7458270
CIE Lab	77.55, -22.91, -16.90
CIE LCh	78, 28.468, 216.427
Yxy	52.4473, 0.2442, 0.3062
Android (android.graphics.Color)	4285648350 (0xFF71CDDE)
YUV	179.4300, 20.9870, -58.2591
Hunter-Lab	72.4205, -23.6403, -12.3526

Details

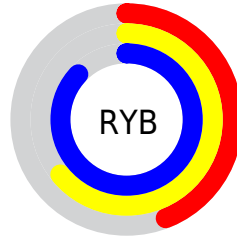
The Yxy color **52.4473, 0.2442, 0.3062** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.6911, 0.4392, 0.3494**, and the grayscale version is **45.2366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3979, 0.2657, 0.3289**, and **25.6270, 0.2269, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **49.5150, 0.2338, 0.3008**, and if you desaturate by 10%, it is **55.7803, 0.2562, 0.3114**.

Distribution



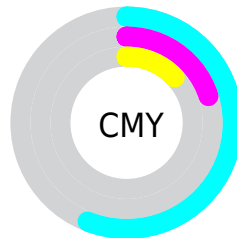
- Red (44%)
- Green (80%)
- Blue (87%)



- Red (44%)
- Yellow (64%)
- Blue (87%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)




- Cyan (56%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4473, 0.2442, 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 52.4473, 0.2442, 0.3062 by changing the saturation by 10% instead.

 52.4473, 0.2442,
0.3062


 52.4473, 0.2442,
0.3062


396.1610, 0.2769,
0.3182

 37.3617, 0.2365,
0.3031


 93.7906, 0.2557,
0.3106

 25.4877, 0.2270,
0.2991


 120.8171, 0.2601,
0.3123

 16.4408, 0.2147,
0.2936

 152.5927, 0.2639,
0.3137

 9.8366, 0.1986,
0.2859

189.5018, 0.2672,
0.3148

 5.2907, 0.1764,
0.2743

231.9288, 0.2701,
0.3158

 2.4188, 0.1447,
0.2553

280.2580, 0.2726,

 0.8356, 0.0642,

0.3167

0.2284

334.8740, 0.2749,
0.3175

■ 0.0000, 0.0000,
0.0000

■ 52.4473, 0.2442,
0.3062

■ 52.4473, 0.2442,
0.3062

■ 49.5150, 0.2338,
0.3008

■ 55.7803, 0.2562,
0.3114

■ 46.9504, 0.2253,
0.2952

■ 59.5322, 0.2695,
0.3164

■ 44.7249, 0.2186,
0.2896

■ 63.7271, 0.2838,
0.3211


■ 42.8022, 0.2139,
0.2840

■ 68.3857, 0.2988,
0.3254

■ 41.1252, 0.2108,
0.2785

■ 73.5270, 0.3142,
0.3294

 40.9754, 0.2106,
0.2780

 79.1691, 0.3297,
0.3329

 82.6920, 0.3355,
0.3363

 84.6281, 0.3351,
0.3397

 86.6027, 0.3346,
0.3431

Harmonies

Analogous

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



52.4473, 0.2618, 0.3426



52.4473, 0.2442, 0.3062



52.4473, 0.2437, 0.2794

Triad

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



52.4473, 0.2442, 0.3062



52.4473, 0.3293, 0.2871



52.4473, 0.3656, 0.3939

Complementary

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



52.4473, 0.2442, 0.3062



32.6911, 0.4392, 0.3494

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.



52.4473, 0.3863, 0.3739



52.4473, 0.2442, 0.3062



52.4473, 0.3651, 0.3134

Square

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



52.4473, 0.2442, 0.3062



52.4473, 0.2908, 0.2705



52.4473, 0.3864, 0.3445



52.4473, 0.3312, 0.3963

Rectangle

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



52.4473, 0.2442, 0.3062



52.4473, 0.2529, 0.2696



52.4473, 0.3864, 0.3445



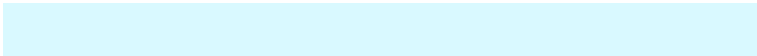
52.4473, 0.3745, 0.3888

Sweetspot

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



52.4493, 0.2442, 0.3062



89.7086, 0.2896, 0.3228



57.3398, 0.2971, 0.4614



18.9175, 0.2865, 0.3219



0.0000, 0.0000, 0.0000



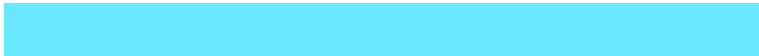
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4493, 0.2442, 0.3062



67.6571, 0.2335, 0.3006



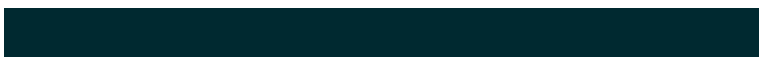
30.9754, 0.2295, 0.2286



15.1894, 0.2982, 0.3253



24.4782, 0.2108, 0.2789



1.7960, 0.2132, 0.2874

Inverse Universe

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



31.7546, 0.3356, 0.2265



37.0725, 0.3417, 0.2085



50.9389, 0.4050, 0.4109



13.8970, 0.3161, 0.3094



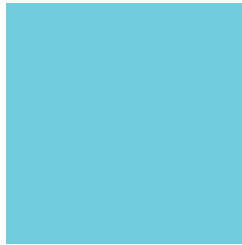
11.3791, 0.3645, 0.1782



0.7988, 0.3567, 0.1739

Previews

White Background



This preview shows how the Yxy color 52.4473, 0.2442, 0.3062 looks on a white background.

Color Contrast Check

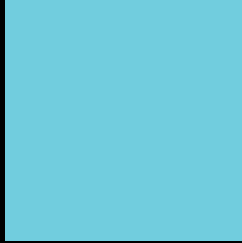
Large Text (above 18pt) WCAG AA × Fail

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 52.4473, 0.2442, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

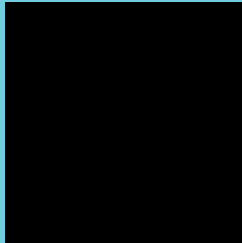
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4473, 0.2442, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 52.4473, 0.2442, 0.3062.

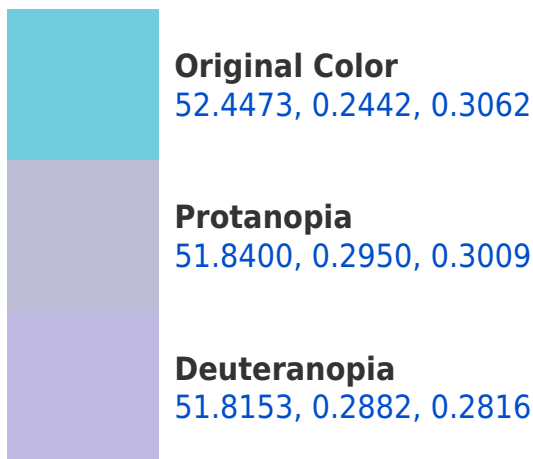


This preview shows how white text looks on a background with the Yxy color 52.4473, 0.2442, 0.3062.

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





Tritanopia

52.4473, 0.2442, 0.3062

Trichromacy



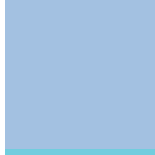
Original Color

52.4473, 0.2442, 0.3062



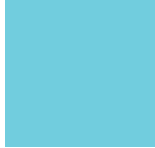
Protanomaly

51.5651, 0.2731, 0.3022



Deuteranomaly

51.3627, 0.2687, 0.2889



Tritanomaly

52.4473, 0.2442, 0.3062

Monochromacy



Original Color

52.4473, 0.2442, 0.3062



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

46.8751, 0.2818, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4473, 0.2442, 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(113, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(113, 205, 222)  
}
```

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(113, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 205, 222) }
```

Border

The CSS property to change the border of an element to Yxy 52.4473, 0.2442, 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(113, 205, 222) }
```

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

```
.border{ border-color:rgb(113, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 205, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 205, 222); box-shadow:4px 4px 4px 4px rgb(113, 205, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4473, 0.2442, 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(113, 205, 222) }
```

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

```
.background{ background-color: rgb(113,  
205, 222) }
```

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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