

Converting Colors

$Yxy(60.5855, 0.2414, 0.3218)$

Have a look what the booklet for
Yxy(60.5855, 0.2414, 0.3218)
contains.

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Color

Yxy(60.5553, 0.2414, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	65DEE3
RGB	101, 222, 227
RGB Percent	40%, 87%, 89%
CMY	0.6038, 0.1294, 0.1098
CMYK	0.55, 0.02, 0.00, 0.11
HSL	182°, 69%, 64%
HSV	182°, 55%, 89%
XYZ	45.3554, 60.5553, 81.9742
YIQ	186.3910, -73.7210, -24.0970

Conversions

Conversions Part 2

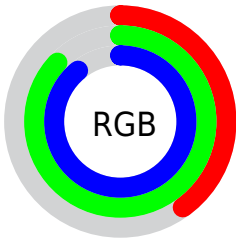
Format	Color
RYB	101, 163, 227
Decimal	6676195
CIELab	82.14, -32.29, -12.74
CIELCh	82, 34.714, 201.527
Yxy	60.5553, 0.2414, 0.3223
Android (android.graphics.Color)	4284866275 (0xFF65DEE3)
YUV	186.3910, 20.0202, -74.8879
Hunter-Lab	77.8173, -32.1424, -7.9851

Details

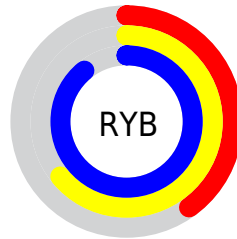
The Yxy color **60.5553, 0.2414, 0.3223** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.5866, 0.4759, 0.3350**, and the grayscale version is **49.2549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4214, 0.2615, 0.3288**, and **30.4332, 0.2241, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **58.9451, 0.2337, 0.3210**, and if you desaturate by 10%, it is **62.5346, 0.2510, 0.3236**.

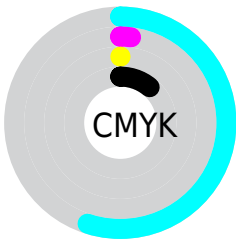
Distribution



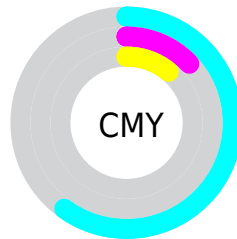
- Red (40%)
- Green (87%)
- Blue (89%)



- Red (40%)
- Yellow (64%)
- Blue (89%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)





- Cyan (60%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5553, 0.2414, 0.3223 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 60.5553, 0.2414, 0.3223 by changing the saturation by 10% instead.


 60.5553, 0.2414,
0.3223


 60.5553, 0.2414,
0.3223


426.6416, 0.2746,
0.3264

 43.8664, 0.2338,
0.3211


 105.6348, 0.2530,
0.3239

 30.5655, 0.2244,
0.3195

 134.7941, 0.2574,
0.3245

 20.2682, 0.2126,
0.3172


 168.8791, 0.2613,
0.3250

 12.5901, 0.1971,
0.3138

208.2740, 0.2647,
0.3254

 7.1469, 0.1764,
0.3083

253.3633, 0.2676,
0.3257

 3.5542, 0.1474,
0.2989

304.5314, 0.2702,

 1.4274, 0.0969,

0.3260

0.2830

362.1627, 0.2726,
0.3262

■ 0.2368, 0.0000,
0.1695

■ 0.0000, 0.0000,
0.0000

■ 60.5553, 0.2414,
0.3223

■ 60.5553, 0.2414,
0.3223

■ 58.9451, 0.2337,
0.3210

■ 62.5346, 0.2510,
0.3236

■ 57.6663, 0.2279,
0.3196

■ 64.9030, 0.2623,
0.3249


■ 56.6857, 0.2240,
0.3183

■ 67.6875, 0.2752,
0.3262


■ 55.9594, 0.2219,
0.3170

■ 70.9105, 0.2892,
0.3273

 55.6825, 0.2212,
0.3164

 74.5930, 0.3042,
0.3284

 78.7545, 0.3198,
0.3294

 82.4662, 0.3322,
0.3304

 82.9646, 0.3321,
0.3313

 83.4657, 0.3320,
0.3321

Harmonies

Analogous

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



60.5553, 0.2700, 0.3663



60.5553, 0.2414, 0.3223



60.5553, 0.2311, 0.2845

Triad

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



60.5553, 0.2414, 0.3223



60.5553, 0.3091, 0.2698



60.5553, 0.3884, 0.3942

Complementary

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



60.5553, 0.2414, 0.3223



27.5866, 0.4759, 0.3350

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.



60.5553, 0.4017, 0.3640



60.5553, 0.2414, 0.3223



60.5553, 0.3542, 0.2948

Square

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



60.5553, 0.2414, 0.3223



60.5553, 0.2679, 0.2579



60.5553, 0.3891, 0.3283



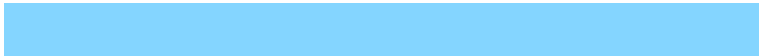
60.5553, 0.3548, 0.4092

Rectangle

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



60.5553, 0.2414, 0.3223



60.5553, 0.2352, 0.2678



60.5553, 0.3891, 0.3283



60.5553, 0.3955, 0.3853

Sweetspot

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



60.5576, 0.2414, 0.3223



91.5911, 0.2869, 0.3272



58.7343, 0.3025, 0.5019



19.4167, 0.2840, 0.3269



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.



60.5576, 0.2414, 0.3223



76.3771, 0.2324, 0.3207



33.3928, 0.2228, 0.2341



16.2330, 0.2982, 0.3280



32.5147, 0.2213, 0.3166



2.4334, 0.2218, 0.3185

Inverse Universe

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



30.9183, 0.3239, 0.2022



34.4144, 0.3262, 0.1829



45.3569, 0.4293, 0.4051



14.6048, 0.3144, 0.3068



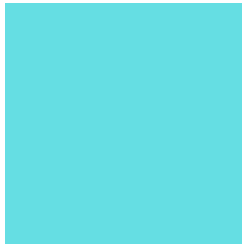
12.4801, 0.3311, 0.1597



0.9253, 0.3295, 0.1589

Previews

White Background



This preview shows how the Yxy color 60.5553, 0.2414, 0.3223 looks on a white background.

Color Contrast Check

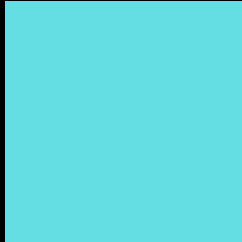
Large Text (above 18pt) WCAG AA × Fail

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 60.5553, 0.2414, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

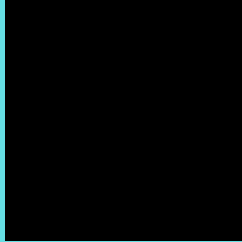
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5553, 0.2414, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 60.5553, 0.2414, 0.3223.

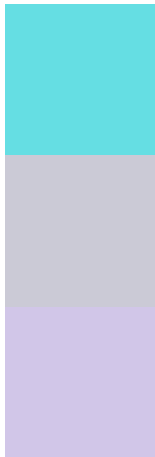


This preview shows how white text looks on a background with the Yxy color 60.5553, 0.2414, 0.3223.

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

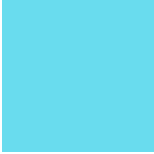
60.5553, 0.2414, 0.3223

Protanopia

59.7926, 0.3050, 0.3150

Deuteranopia

59.7697, 0.2971, 0.2909



Tritanopia

60.3627, 0.2375, 0.3060

Trichromacy



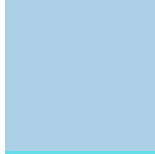
Original Color

60.5553, 0.2414, 0.3223



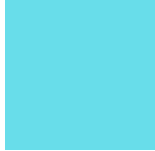
Protanomaly

58.8224, 0.2762, 0.3166



Deuteranomaly

58.8849, 0.2720, 0.3012



Tritanomaly

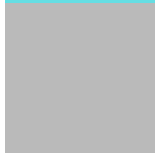
60.5965, 0.2391, 0.3122

Monochromacy



Original Color

60.5553, 0.2414, 0.3223



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

52.0325, 0.2789, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5553, 0.2414, 0.3223 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(101, 222, 227)` looks like.

```
.text, #text, p{  
    color:rgb(101, 222, 227)  
}
```

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(101, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 222, 227) }
```

Border

The CSS property to change the border of an element to Yxy 60.5553, 0.2414, 0.3223 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(101, 222, 227) }
```

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

```
.border{ border-color:rgb(101, 222, 227) }
```

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

Here you see how a box with a 4 pixel rgb(101, 222, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(101, 222,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5553, 0.2414, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 222, 227) }
```

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

```
.background{ background-color: rgb(101,  
222, 227) }
```

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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