

Converting Colors

$Yxy(60.6554, 0.2443, 0.3262)$

Have a look what the booklet for
Yxy(60.6554, 0.2443, 0.3262)
contains.

Yxy(60.6276, 0.2443, 0.3262)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6276, 0.2443, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	69DEE0
RGB	105, 222, 224
RGB Percent	41%, 87%, 88%
CMY	0.5880, 0.1294, 0.1216
CMYK	0.53, 0.01, 0.00, 0.12
HSL	181°, 66%, 65%
HSV	181°, 53%, 88%
XYZ	45.4056, 60.6276, 79.8270
YIQ	187.2450, -70.3740, -24.1820

Conversions

Conversions Part 2

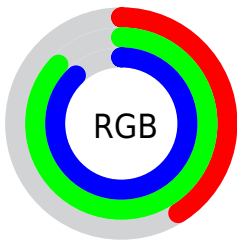
Format	Color
RYB	105, 164, 224
Decimal	6938336
CIELab	82.18, -32.32, -11.07
CIELCh	82, 34.159, 198.906
Yxy	60.6276, 0.2443, 0.3262
Android (android.graphics.Color)	4285128416 (0xFF69DEE0)
YUV	187.2450, 18.1202, -72.1289
Hunter-Lab	77.8637, -32.1706, -6.2803

Details

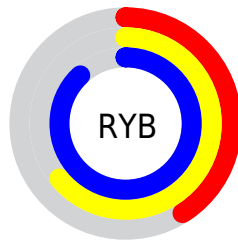
The Yxy color **60.6276, 0.2443, 0.3262** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.3954, 0.4669, 0.3317**, and the grayscale version is **49.7741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7393, 0.2628, 0.3289**, and **30.4603, 0.2275, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **59.2469, 0.2364, 0.3256**, and if you desaturate by 10%, it is **62.3706, 0.2541, 0.3268**.

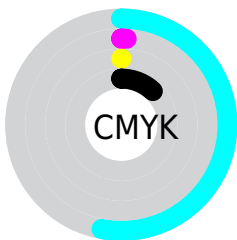
Distribution



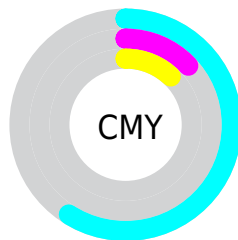
- Red (41%)
- Green (87%)
- Blue (88%)



- Red (41%)
- Yellow (64%)
- Blue (88%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (59%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6276, 0.2443, 0.3262 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 60.6276, 0.2443, 0.3262 by changing the saturation by 10% instead.


 60.6276, 0.2443,
0.3262


 60.6276, 0.2443,
0.3262


426.9072, 0.2763,
0.3284

 43.9247, 0.2370,
0.3255


 105.7395, 0.2554,
0.3271

 30.6113, 0.2279,
0.3245


 134.9174, 0.2597,
0.3274

 20.3031, 0.2164,
0.3230


 169.0223, 0.2635,
0.3277

 12.6155, 0.2015,
0.3206

208.4387, 0.2667,
0.3279

 7.1643, 0.1813,
0.3168

253.5510, 0.2695,
0.3280

 3.5651, 0.1528,
0.3097

304.7436, 0.2720,

 1.4334, 0.1023,

0.3282

0.2977

362.4009, 0.2743,
0.3283

■ 0.2411, 0.0000,
0.1885

■ 0.0000, 0.0000,
0.0000

■ 60.6276, 0.2443,
0.3262

■ 60.6276, 0.2443,
0.3262

■ 59.2469, 0.2364,
0.3256

■ 62.3706, 0.2541,
0.3268

■ 58.1928, 0.2304,
0.3251


■ 64.4946, 0.2656,
0.3273

■ 57.4345, 0.2264,
0.3245


■ 67.0250, 0.2786,
0.3279

■ 56.9322, 0.2241,
0.3239

■ 69.9832, 0.2928,
0.3284

 56.6900, 0.2232,
0.3236

 73.3892, 0.3079,
0.3289

 77.2615, 0.3236,
0.3293

 80.2940, 0.3347,
0.3297

 80.4974, 0.3347,
0.3301

 80.7012, 0.3346,
0.3305

Harmonies

Analogous

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



60.6276, 0.2739, 0.3692



60.6276, 0.2443, 0.3262



60.6276, 0.2324, 0.2880

Triad

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



60.6276, 0.2443, 0.3262



60.6276, 0.3053, 0.2690



60.6276, 0.3893, 0.3911

Complementary

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



60.6276, 0.2443, 0.3262



27.3954, 0.4669, 0.3317

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.



60.6276, 0.4002, 0.3605



60.6276, 0.2443, 0.3262



60.6276, 0.3498, 0.2928

Square

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



60.6276, 0.2443, 0.3262



60.6276, 0.2656, 0.2587



60.6276, 0.3856, 0.3253



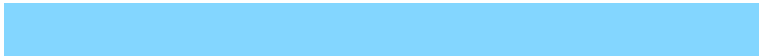
60.6276, 0.3576, 0.4074

Rectangle

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



60.6276, 0.2443, 0.3262



60.6276, 0.2353, 0.2705



60.6276, 0.3856, 0.3253



60.6276, 0.3956, 0.3820

Sweetspot

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



60.6299, 0.2443, 0.3262



92.6295, 0.2884, 0.3282



57.3789, 0.3038, 0.4961



19.6480, 0.2854, 0.3281



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.



60.6299, 0.2443, 0.3262



79.2674, 0.2355, 0.3255



34.4218, 0.2272, 0.2421



15.5307, 0.2982, 0.3286



33.0170, 0.2232, 0.3237



2.3014, 0.2235, 0.3245

Inverse Universe

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



31.2358, 0.3206, 0.2045



35.9243, 0.3221, 0.1847



44.3262, 0.4244, 0.4000



13.9315, 0.3141, 0.3063



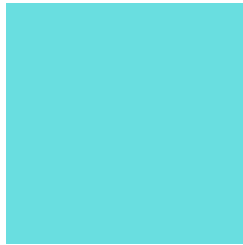
12.2411, 0.3251, 0.1565



0.8498, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 60.6276, 0.2443, 0.3262 looks on a white background.

Color Contrast Check

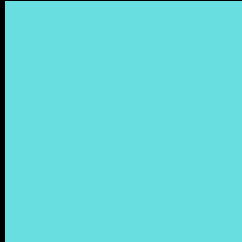
Large Text (above 18pt) WCAG AA × Fail

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 60.6276, 0.2443, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

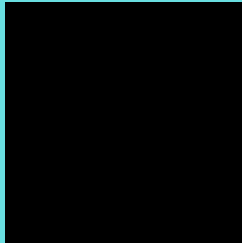
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6276, 0.2443, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 60.6276, 0.2443, 0.3262.

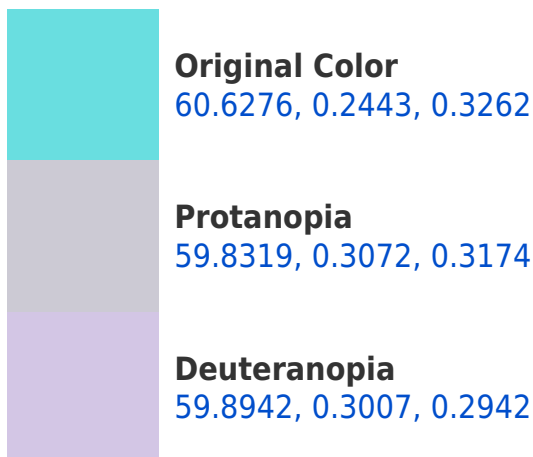


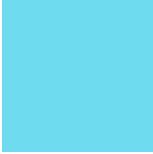
This preview shows how white text looks on a background with the Yxy color 60.6276, 0.2443, 0.3262.

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

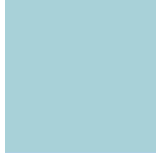
60.6744, 0.2394, 0.3061

Trichromacy



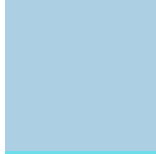
Original Color

60.6276, 0.2443, 0.3262



Protanomaly

58.8836, 0.2793, 0.3203



Deuteranomaly

58.9424, 0.2751, 0.3048



Tritanomaly

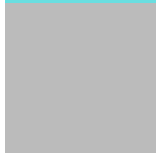
60.7842, 0.2411, 0.3135

Monochromacy



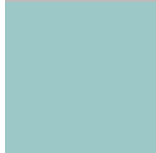
Original Color

60.6276, 0.2443, 0.3262



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.6468, 0.2810, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6276, 0.2443, 0.3262 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(105, 222, 224)` looks like.

```
.text, #text, p{  
    color:rgb(105, 222, 224)  
}
```

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(105, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 222, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.6276, 0.2443, 0.3262 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(105, 222, 224) }
```

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

```
.border{ border-color:rgb(105, 222, 224) }
```

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

Here you see how a box with a 4 pixel rgb(105, 222, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(105, 222,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6276, 0.2443, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 222, 224) }
```

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

```
.background{ background-color: rgb(105,  
222, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor