

Converting Colors

$Yxy(62.5826, 0.2476, 0.3147)$

Have a look what the booklet for
Yxy(62.5826, 0.2476, 0.3147)
contains.

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Color

Yxy(62.3940, 0.2472, 0.3138)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7BDEEA |
| RGB | 123, 222, 234 |
| RGB Percent | 48%, 87%, 92% |
| CMY | 0.5172, 0.1295, 0.0824 |
| CMYK | 0.47, 0.05, 0.00, 0.08 |
| HSL | 186°, 73%, 70% |
| HSV | 186°, 47%, 92% |
| XYZ | 49.1517, 62.3940, 87.2880 |
| YIQ | 193.7670, -62.8560, -17.2560 |

Conversions

Conversions Part 2

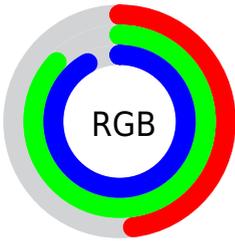
| Format | Color |
|-------------------------------------|--|
| RYB | 123, 175, 234 |
| Decimal | 8117994 |
| CIELab | 83.12, -25.92, -14.89 |
| CIElCh | 83, 29.894, 209.878 |
| Yxy | 62.3940, 0.2472, 0.3138 |
| Android (android.graphics.Color) | 4286308074 (0xFF7BDEEA) |
| YUV | 193.7670, 19.8349, -62.0627 |
| Hunter-Lab | 78.9899, -27.1601, -10.2257 |

Details

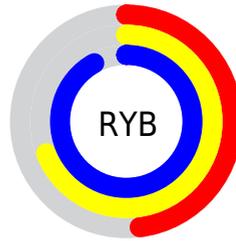
The Yxy color **62.3940, 0.2472, 0.3138** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.2854, 0.4365, 0.3429**, and the grayscale version is **53.7288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **31.8759, 0.2321, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **59.5346, 0.2371, 0.3101**, and if you desaturate by 10%, it is **65.6909, 0.2589, 0.3174**.

Distribution



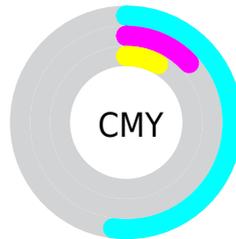
- Red (48%)
- Green (87%)
- Blue (92%)



- Red (48%)
- Yellow (69%)
- Blue (92%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (52%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3940, 0.2472, 0.3138 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 62.3940, 0.2472, 0.3138 by changing the saturation by 10% instead.

 62.3940, 0.2472,
0.3138

 62.3940, 0.2472,
0.3138

433.3668, 0.2776,
0.3218

 45.3511, 0.2403,
0.3117

 108.2948, 0.2577,
0.3168

 31.7341, 0.2317,
0.3091

 137.9215, 0.2618,
0.3179

 21.1585, 0.2210,
0.3055

 172.5116, 0.2654,
0.3188

 13.2399, 0.2070,
0.3005

212.4494, 0.2685,
0.3196

 7.5939, 0.1882,
0.2930

258.1195, 0.2712,
0.3202

 3.8362, 0.1620,
0.2811

309.9062, 0.2735,

 1.5824, 0.1229,

0.3208

0.2600

368.1938, 0.2757,
0.3213

0.3457, 0.0000,
0.1881

0.0000, 0.0000,
0.0000

62.3940, 0.2472,
0.3138

62.3940, 0.2472,
0.3138

59.5346, 0.2371,
0.3101

65.6909, 0.2589,
0.3174

57.0755, 0.2289,
0.3063

69.4452, 0.2721,
0.3208

54.9853, 0.2226,
0.3025

73.6838, 0.2863,
0.3240

53.2241, 0.2182,
0.2987

78.4298, 0.3013,
0.3270

 51.7393, 0.2156,
0.2950

 83.7044, 0.3168,
0.3297

 51.3747, 0.2150,
0.2940

 87.8776, 0.3267,
0.3322

 89.3565, 0.3265,
0.3347

 90.8561, 0.3262,
0.3371

 92.3767, 0.3260,
0.3396

Harmonies

Analogous

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



62.3940, 0.2681, 0.3506



62.3940, 0.2472, 0.3138



62.3940, 0.2429, 0.2845

Triad

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



62.3940, 0.2472, 0.3138



62.3940, 0.3207, 0.2829



62.3940, 0.3711, 0.3902

Complementary

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



62.3940, 0.2472, 0.3138



36.2854, 0.4365, 0.3429

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.



62.3940, 0.3876, 0.3677



62.3940, 0.2472, 0.3138



62.3940, 0.3578, 0.3073

Square

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



62.3940, 0.2472, 0.3138



62.3940, 0.2834, 0.2691



62.3940, 0.3828, 0.3376



62.3940, 0.3392, 0.3969

Rectangle

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



62.3940, 0.2472, 0.3138



62.3940, 0.2496, 0.2725



62.3940, 0.3828, 0.3376



62.3940, 0.3787, 0.3841

Sweetspot

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



62.3964, 0.2472, 0.3138



91.4055, 0.2912, 0.3250



64.7879, 0.3002, 0.4640



19.3050, 0.2880, 0.3244



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.



62.3964, 0.2472, 0.3138



72.4006, 0.2372, 0.3101



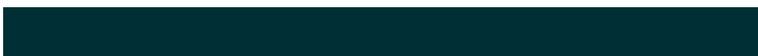
37.9683, 0.2336, 0.2401



16.8270, 0.2981, 0.3264



28.9854, 0.2152, 0.2946



2.3559, 0.2166, 0.2998

Inverse Universe

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



36.9592, 0.3295, 0.2246



38.5841, 0.3337, 0.2063



55.5961, 0.4047, 0.4028



15.2840, 0.3154, 0.3083



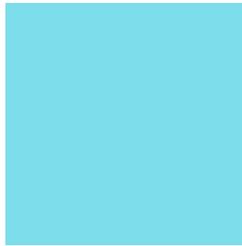
12.4189, 0.3502, 0.1703



0.9832, 0.3456, 0.1677

Previews

White Background



This preview shows how the Yxy color 62.3940, 0.2472, 0.3138 looks on a white background.

Color Contrast Check

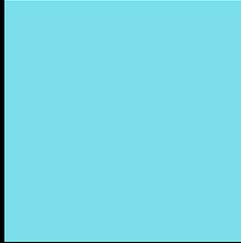
Large Text (above 18pt) WCAG AA × Fail

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 62.3940, 0.2472, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

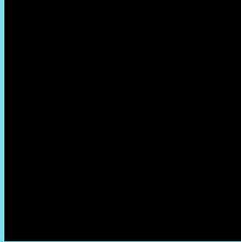
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3940, 0.2472, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 62.3940, 0.2472, 0.3138.



This preview shows how white text looks on a background with the Yxy color 62.3940, 0.2472, 0.3138.

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

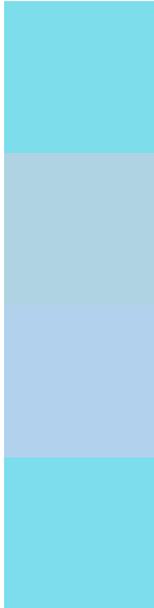




Tritanopia

62.3049, 0.2455, 0.3065

Trichromacy



Original Color

62.3940, 0.2472, 0.3138

Protanomaly

61.2485, 0.2774, 0.3098

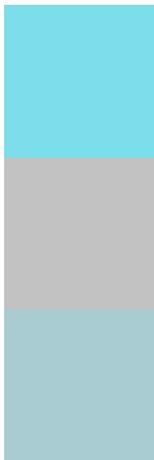
Deuteranomaly

61.1803, 0.2732, 0.2962

Tritanomaly

62.1124, 0.2460, 0.3089

Monochromacy



Original Color

62.3940, 0.2472, 0.3138

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

56.1140, 0.2832, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3940, 0.2472, 0.3138 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(123, 222, 234)` looks like.

```
.text, #text, p{  
    color:rgb(123, 222, 234)  
}
```

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(123, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 222, 234) }
```

Border

The CSS property to change the border of an element to Yxy 62.3940, 0.2472, 0.3138 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(123, 222, 234) }
```

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

```
.border{ border-color:rgb(123, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(123, 222,  
234) }
```

Background

The CSS property to change the background color of an element to Yxy 62.3940, 0.2472, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 222, 234) }
```

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

```
.background{ background-color: rgb(123,  
222, 234) }
```

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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