

Converting Colors

$Yxy(60.4475, 0.2722, 0.3244)$

Have a look what the booklet for
Yxy(60.4475, 0.2722, 0.3244)
contains.

Yxy(60.4242, 0.2723, 0.3239)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4242, 0.2723, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	9ED6DA
RGB	158, 214, 218
RGB Percent	62%, 84%, 85%
CMY	0.3805, 0.1607, 0.1450
CMYK	0.28, 0.02, 0.00, 0.15
HSL	184°, 45%, 74%
HSV	184°, 28%, 85%
XYZ	50.7981, 60.4242, 75.3297
YIQ	197.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

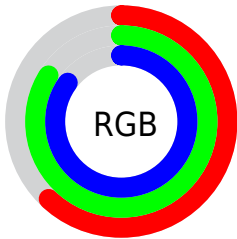
Format	Color
RYB	158, 187, 218
Decimal	10409690
CIELab	82.07, -16.94, -7.81
CIELCh	82, 18.655, 204.732
Yxy	60.4242, 0.2723, 0.3239
Android (android.graphics.Color)	4288599770 (0xFF9ED6DA)
YUV	197.7120, 10.0020, -34.8274
Hunter-Lab	77.7330, -19.3839, -3.0438

Details

The Yxy color **60.4242, 0.2723, 0.3239** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2074, 0.3711, 0.3340**, and the grayscale version is **56.2393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **30.3837, 0.2621, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **57.6751, 0.2596, 0.3218**, and if you desaturate by 10%, it is **63.5769, 0.2862, 0.3259**.

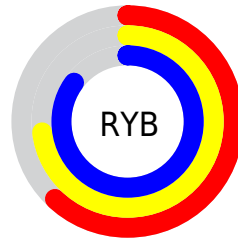
Distribution



Red (62%)

Green (84%)

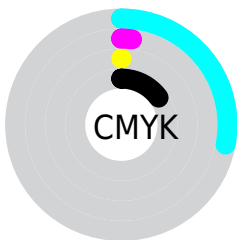
Blue (85%)



Red (62%)

Yellow (73%)

Blue (85%)

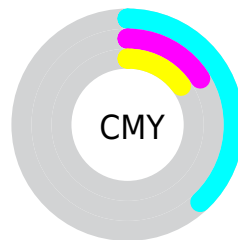


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (15%)



Cyan (38%)


Magenta (16%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4242, 0.2723, 0.3239 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 60.4242, 0.2723, 0.3239 by changing the saturation by 10% instead.


 60.4242, 0.2723,
0.3239


 60.4242, 0.2723,
0.3239


426.1596, 0.2914,
0.3266

 43.7606, 0.2678,
0.3232

 105.4448, 0.2790,
0.3249

 30.4824, 0.2623,
0.3222


 134.5706, 0.2816,
0.3253

 20.2050, 0.2552,
0.3209


168.6193, 0.2838,
0.3256

 12.5442, 0.2458,
0.3191

207.9752, 0.2857,
0.3259

 7.1154, 0.2327,
0.3162

253.0228, 0.2874,
0.3261

 3.5344, 0.2135,
0.3115

304.1465, 0.2889,

 1.4167, 0.1826,

0.3263

361.7306, 0.2902,
0.3265

0.3021

0.2290, 0.0000,
0.2236

0.0000, 0.0000,
0.0000

60.4242, 0.2723,
0.3239

60.4242, 0.2723,
0.3239

57.6751, 0.2596,
0.3218

63.5769, 0.2862,
0.3259

55.3015, 0.2483,
0.3196

67.1452, 0.3011,
0.3277

53.2833, 0.2388,
0.3174

71.1494, 0.3165,
0.3294

51.5953, 0.2311,
0.3151

75.6065, 0.3323,
0.3309

■ 50.2090, 0.2253,
0.3128

■ 78.1905, 0.3393,
0.3324

■ 49.0910, 0.2215,
0.3106

■ 78.9642, 0.3391,
0.3338

■ 48.1957, 0.2193,
0.3083

■ 79.7447, 0.3389,
0.3353

■ 47.9919, 0.2188,
0.3078

■ 80.5319, 0.3387,
0.3367

■ 81.3257, 0.3385,
0.3382

Harmonies

Analogous

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



60.4242, 0.2877, 0.3464



60.4242, 0.2723, 0.3239



60.4242, 0.2674, 0.3039

Triad

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



60.4242, 0.2723, 0.3239



60.4242, 0.3139, 0.2970



60.4242, 0.3524, 0.3663

Complementary

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



60.4242, 0.2723, 0.3239



43.2074, 0.3711, 0.3340

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.



60.4242, 0.3602, 0.3515



60.4242, 0.2723, 0.3239



60.4242, 0.3375, 0.3121

Square

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



60.4242, 0.2723, 0.3239



60.4242, 0.2907, 0.2895



60.4242, 0.3548, 0.3318



60.4242, 0.3339, 0.3715

Rectangle

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



60.4242, 0.2723, 0.3239



60.4242, 0.2705, 0.2948



60.4242, 0.3548, 0.3318



60.4242, 0.3564, 0.3622

Sweetspot

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



60.4266, 0.2723, 0.3239



95.4678, 0.3003, 0.3276



60.0270, 0.3065, 0.4027



20.2613, 0.2980, 0.3274



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.



60.4266, 0.2723, 0.3239



83.8469, 0.2648, 0.3227



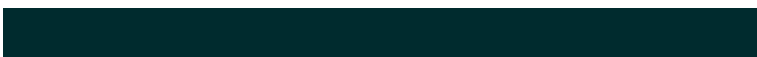
46.6041, 0.2684, 0.2850



14.6728, 0.2982, 0.3274



28.8088, 0.2189, 0.3081



1.9122, 0.2199, 0.3118

Inverse Universe

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



44.2049, 0.3194, 0.2650



57.1924, 0.3209, 0.2517



55.0736, 0.3617, 0.3693



13.2590, 0.3148, 0.3075



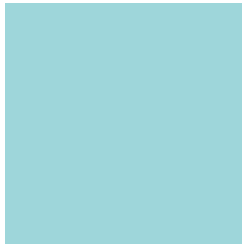
11.5320, 0.3383, 0.1637



0.7517, 0.3352, 0.1620

Previews

White Background



This preview shows how the Yxy color 60.4242, 0.2723, 0.3239 looks on a white background.

Color Contrast Check

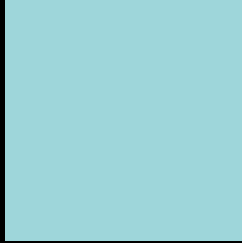
Large Text (above 18pt) WCAG AA × Fail

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 60.4242, 0.2723, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

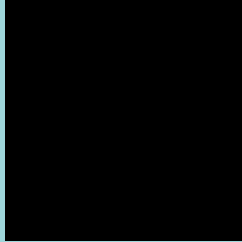
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

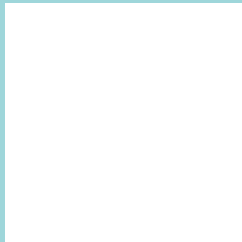
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4242, 0.2723, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 60.4242, 0.2723, 0.3239.



This preview shows how white text looks on a background with the Yxy color 60.4242, 0.2723, 0.3239.

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

60.4242, 0.2723, 0.3239

Protanopia

59.9233, 0.3086, 0.3185

Deuteranopia

60.0557, 0.3093, 0.3032



Tritanopia

60.2177, 0.2671, 0.3082

Trichromacy



Original Color

60.4242, 0.2723, 0.3239

Protanomaly

59.6890, 0.2940, 0.3194

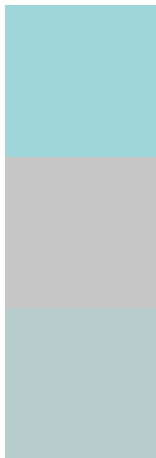
Deuteranomaly

59.8224, 0.2943, 0.3102

Tritanomaly

60.3957, 0.2688, 0.3142

Monochromacy



Original Color

60.4242, 0.2723, 0.3239

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.6608, 0.2964, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4242, 0.2723, 0.3239 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(158, 214, 218)` looks like.

```
.text, #text, p{  
    color:rgb(158, 214, 218)  
}
```

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(158, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 214, 218) }
```

Border

The CSS property to change the border of an element to Yxy 60.4242, 0.2723, 0.3239 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(158, 214, 218) }
```

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

```
.border{ border-color:rgb(158, 214, 218) }
```

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

Here you see how a box with a 4 pixel rgb(158, 214, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(158, 214,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4242, 0.2723, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 214, 218) }
```

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

```
.background{ background-color: rgb(158,  
214, 218) }
```

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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