

Converting Colors

$Y_{xy}(40.2257, 0.2792, 0.3188)$

Have a look what the booklet for
Yxy(40.2257, 0.2792, 0.3188)
contains.

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Color

Yxy(40.2203, 0.2792, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	8EB0B7
RGB	142, 176, 183
RGB Percent	56%, 69%, 72%
CMY	0.4433, 0.3098, 0.2823
CMYK	0.22, 0.04, 0.00, 0.28
HSL	190°, 22%, 64%
HSV	190°, 22%, 72%
XYZ	35.2243, 40.2203, 50.7169
YIQ	166.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

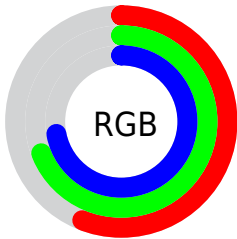
Format	Color
RYB	142, 161, 183
Decimal	9351351
CIELab	69.63, -9.93, -7.40
CIELCh	70, 12.387, 216.700
Yxy	40.2203, 0.2792, 0.3188
Android (android.graphics.Color)	4287541431 (0xFF8EB0B7)
YUV	166.6320, 8.0694, -21.6023
Hunter-Lab	63.4195, -11.8420, -3.0209

Details

The Yxy color **40.2203, 0.2792, 0.3188** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.5074, 0.3556, 0.3390**, and the grayscale version is **38.4214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6810, 0.2852, 0.3212**, and **18.0018, 0.2697, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **37.5229, 0.2653, 0.3136**, and if you desaturate by 10%, it is **43.2149, 0.2939, 0.3236**.

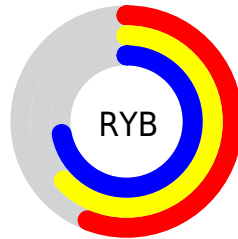
Distribution



Red (56%)

Green (69%)

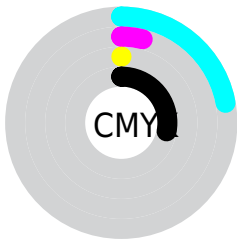
Blue (72%)



Red (56%)

Yellow (63%)

Blue (72%)

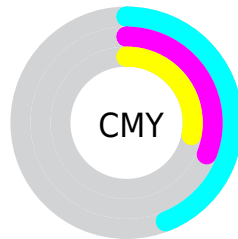


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (44%)


Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2203, 0.2792, 0.3188 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 40.2203, 0.2792, 0.3188 by changing the saturation by 10% instead.


 40.2203, 0.2792,
0.3188


 40.2203, 0.2792,
0.3188


347.0512, 0.2962,
0.3242


 27.7104, 0.2749,
0.3173


 75.4989, 0.2854,
0.3209

 18.1074, 0.2693,
0.3154


 99.0363, 0.2878,
0.3216

 11.0271, 0.2618,
0.3127


 127.0183, 0.2897,
0.3222

 6.0851, 0.2511,
0.3087

159.8293, 0.2914,
0.3227

 2.8969, 0.2350,
0.3022

197.8537, 0.2928,
0.3232

 1.0781, 0.2073,
0.2901

241.4759, 0.2941,

 0.0000, 0.0000,

0.3236

0.0000

291.0803, 0.2952,
0.3239

■ 40.2203, 0.2792,
0.3188

■ 40.2203, 0.2792,
0.3188

■ 37.5229, 0.2653,
0.3136

■ 43.2149, 0.2939,
0.3236

■ 35.1048, 0.2523,
0.3081

■ 46.5142, 0.3090,
0.3280

■ 32.9532, 0.2408,
0.3024

■ 50.1312, 0.3243,
0.3320

■ 31.0526, 0.2308,
0.2964

■ 54.0768, 0.3395,
0.3356

■ 29.3856, 0.2226,
0.2904

■ 58.3614, 0.3545,
0.3387

■ 27.9323, 0.2163,
0.2843

■ 62.9949, 0.3691,
0.3415

■ 26.6688, 0.2118,
0.2782

■ 65.0143, 0.3708,
0.3446

■ 25.8030, 0.2094,
0.2736

■ 66.4565, 0.3699,
0.3479

■ 67.9282, 0.3691,
0.3510

Harmonies

Analogous

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



40.2203, 0.2881, 0.3356



40.2203, 0.2792, 0.3188



40.2203, 0.2789, 0.3055

Triad

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



40.2203, 0.2792, 0.3188



40.2203, 0.3211, 0.3085



40.2203, 0.3381, 0.3600

Complementary

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



40.2203, 0.2792, 0.3188



33.5074, 0.3556, 0.3390

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.



40.2203, 0.3476, 0.3515



40.2203, 0.2792, 0.3188



40.2203, 0.3377, 0.3220

Square

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



40.2203, 0.2792, 0.3188



40.2203, 0.3027, 0.3001



40.2203, 0.3475, 0.3376



40.2203, 0.3220, 0.3600

Rectangle

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



40.2203, 0.2792, 0.3188



40.2203, 0.2837, 0.3002



40.2203, 0.3475, 0.3376



40.2203, 0.3422, 0.3580

Sweetspot

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



40.2219, 0.2792, 0.3188



80.4504, 0.3019, 0.3260



41.7864, 0.3047, 0.3801



17.6914, 0.3010, 0.3257



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.2219, 0.2792, 0.3188



69.5327, 0.2721, 0.3163



32.8260, 0.2769, 0.2884



9.9426, 0.2985, 0.3250



18.0840, 0.2096, 0.2744



0.7073, 0.2139, 0.2899

Inverse Universe

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



32.5393, 0.3221, 0.2830



53.4663, 0.3246, 0.2725



40.5220, 0.3497, 0.3666



9.1357, 0.3163, 0.3102



8.6079, 0.3687, 0.1805



0.3105, 0.3544, 0.1726

Previews

White Background



This preview shows how the Yxy color 40.2203, 0.2792, 0.3188 looks on a white background.

Color Contrast Check

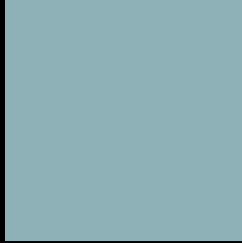
Large Text (above 18pt) WCAG AA × Fail

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 40.2203, 0.2792, 0.3188 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

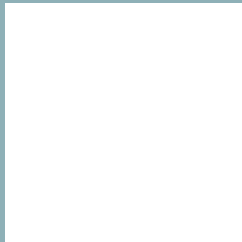
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.2203, 0.2792, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 40.2203, 0.2792, 0.3188.



This preview shows how white text looks on a background with the Yxy color 40.2203, 0.2792, 0.3188.

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

40.2203, 0.2792, 0.3188

Protanopia

40.1767, 0.3053, 0.3153

Deuteranopia

39.9968, 0.3085, 0.3024



Tritanopia

40.1737, 0.2757, 0.3090

Trichromacy



Original Color

40.2203, 0.2792, 0.3188

Protanomaly

40.2739, 0.2958, 0.3178

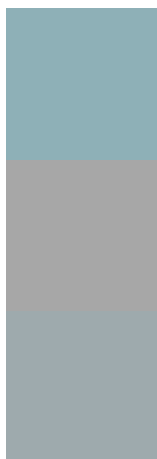
Deuteranomaly

39.9436, 0.2977, 0.3084

Tritanomaly

40.0874, 0.2771, 0.3118

Monochromacy



Original Color

40.2203, 0.2792, 0.3188

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.0357, 0.2996, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2203, 0.2792, 0.3188 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(142, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(142, 176, 183)  
}
```

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(142, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 176, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.2203, 0.2792, 0.3188 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(142, 176, 183) }
```

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

```
.border{ border-color:rgb(142, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(142, 176,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2203, 0.2792, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 176, 183) }
```

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

```
.background{ background-color: rgb(142,  
176, 183) }
```

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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