

Converting Colors

$Yxy(34.9984, 0.2622, 0.3256)$

Have a look what the booklet for
Yxy(34.9984, 0.2622, 0.3256)
contains.

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Color

Yxy(34.9792, 0.2619, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	6DAAAC
RGB	109, 170, 172
RGB Percent	43%, 67%, 67%
CMY	0.5725, 0.3333, 0.3256
CMYK	0.37, 0.01, 0.00, 0.33
HSL	182°, 27%, 55%
HSV	182°, 37%, 67%
XYZ	28.1273, 34.9792, 44.2905
YIQ	151.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

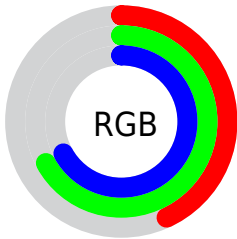
Format	Color
RYB	109, 140, 172
Decimal	7187116
CIELab	65.73, -19.10, -7.27
CIELCh	66, 20.436, 200.839
Yxy	34.9792, 0.2619, 0.3257
Android (android.graphics.Color)	4285377196 (0xFF6DAAAC)
YUV	151.9890, 9.8654, -37.7014
Hunter-Lab	59.1432, -18.6098, -3.0002

Details

The Yxy color **34.9792, 0.2619, 0.3257** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2405, 0.3982, 0.3323**, and the grayscale version is **31.3642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1830, 0.2716, 0.3265**, and **15.1537, 0.2460, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **33.7919, 0.2509, 0.3247**, and if you desaturate by 10%, it is **36.3835, 0.2744, 0.3267**.

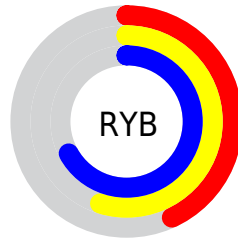
Distribution



Red (43%)

Green (67%)

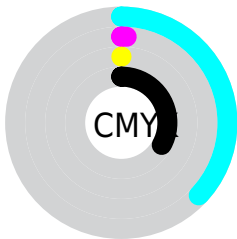
Blue (67%)



Red (43%)

Yellow (55%)

Blue (67%)

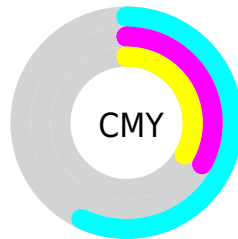


Cyan (37%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (57%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9792, 0.2619, 0.3257 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 34.9792, 0.2619, 0.3257 by changing the saturation by 10% instead.


 34.9792, 0.2619,
0.3257


 34.9792, 0.2619,
0.3257


324.4765, 0.2881,
0.3279


 23.6469, 0.2551,
0.3250


 67.4535, 0.2716,
0.3266


 15.0719, 0.2462,
0.3239


 89.3643, 0.2752,
0.3269

 8.8698, 0.2341,
0.3222


 115.5701, 0.2782,
0.3272

 4.6564, 0.2167,
0.3193

 146.4551, 0.2808,
0.3274

 2.0471, 0.1898,
0.3136

182.4039, 0.2830,
0.3275

 0.6346, 0.0688,
0.3188

223.8008, 0.2850,

 0.0000, 0.0000,

0.3277

0.0000

271.0302, 0.2866,
0.3278

■ 34.9792, 0.2619,
0.3257

■ 34.9792, 0.2619,
0.3257

■ 33.7919, 0.2509,
0.3247

■ 36.3835, 0.2744,
0.3267

■ 32.8049, 0.2416,
0.3237

■ 38.0122, 0.2880,
0.3276

■ 32.0059, 0.2341,
0.3226


■ 39.8773, 0.3027,
0.3285


■ 31.3793, 0.2285,
0.3216


■ 41.9888, 0.3179,
0.3293

■ 30.9071, 0.2248,
0.3205

■ 44.3561, 0.3336,
0.3300

 30.5640, 0.2226,
0.3195

 46.9881, 0.3494,
0.3306

 30.4595, 0.2220,
0.3192

 49.8933, 0.3650,
0.3312

 53.0798, 0.3804,
0.3317

 54.8485, 0.3876,
0.3323

Harmonies

Analogous

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



34.9792, 0.2832, 0.3557



34.9792, 0.2619, 0.3257



34.9792, 0.2538, 0.2986

Triad

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



34.9792, 0.2619, 0.3257



34.9792, 0.3098, 0.2857



34.9792, 0.3670, 0.3757

Complementary

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



34.9792, 0.2619, 0.3257



21.2405, 0.3982, 0.3323

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.



34.9792, 0.3754, 0.3546



34.9792, 0.2619, 0.3257



34.9792, 0.3415, 0.3040

Square

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



34.9792, 0.2619, 0.3257



34.9792, 0.2803, 0.2774



34.9792, 0.3660, 0.3287



34.9792, 0.3439, 0.3852

Rectangle

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



34.9792, 0.2619, 0.3257



34.9792, 0.2565, 0.2859



34.9792, 0.3660, 0.3287



34.9792, 0.3717, 0.3696

Sweetspot

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



34.9806, 0.2619, 0.3257



70.7530, 0.2959, 0.3281



33.8782, 0.3069, 0.4354



15.2809, 0.2940, 0.3280



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.9806, 0.2619, 0.3257



61.6818, 0.2528, 0.3249



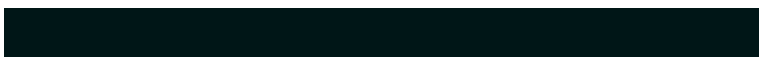
24.8252, 0.2548, 0.2744



9.0282, 0.2987, 0.3282



22.6871, 0.2220, 0.3193



0.6442, 0.2229, 0.3224

Inverse Universe

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



22.6110, 0.3191, 0.2427



35.9833, 0.3207, 0.2246



29.0849, 0.3815, 0.3777



8.1437, 0.3142, 0.3073



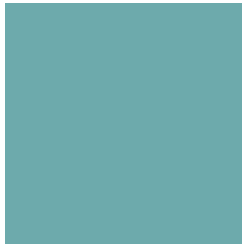
8.5933, 0.3288, 0.1585



0.2404, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 34.9792, 0.2619, 0.3257 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 34.9792, 0.2619, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

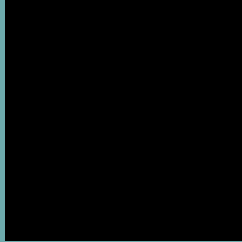
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9792, 0.2619, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 34.9792, 0.2619, 0.3257.

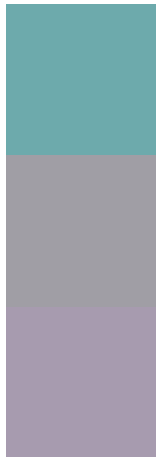


This preview shows how white text looks on a background with the Yxy color 34.9792, 0.2619, 0.3257.

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

34.9792, 0.2619, 0.3257

Protanopia

34.6439, 0.3084, 0.3188

Deuteranopia

34.7533, 0.3063, 0.3008



Tritanopia

34.8274, 0.2569, 0.3071

Trichromacy



Original Color

34.9792, 0.2619, 0.3257

Protanomaly

34.3305, 0.2885, 0.3198

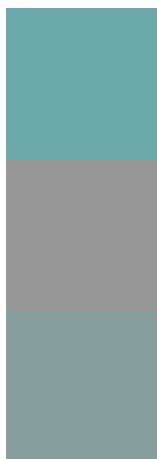
Deuteranomaly

34.3086, 0.2880, 0.3081

Tritanomaly

34.9698, 0.2590, 0.3148

Monochromacy



Original Color

34.9792, 0.2619, 0.3257

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.5337, 0.2913, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9792, 0.2619, 0.3257 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(109, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(109, 170, 172)  
}
```

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(109, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 170, 172) }
```

Border

The CSS property to change the border of an element to Yxy 34.9792, 0.2619, 0.3257 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(109, 170, 172) }
```

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

```
.border{ border-color:rgb(109, 170, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 170, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(109, 170,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9792, 0.2619, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 170, 172) }
```

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

```
.background{ background-color: rgb(109,  
170, 172) }
```

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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