

Converting Colors

$Y_{xy}(32.2420, 0.3048, 0.3475)$

Have a look what the booklet for
Yxy(32.2420, 0.3048, 0.3475)
contains.

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Color

Yxy(32.0493, 0.3042, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	8B9E93
RGB	139, 158, 147
RGB Percent	55%, 62%, 58%
CMY	0.4550, 0.3803, 0.4235
CMYK	0.12, 0.00, 0.07, 0.38
HSL	145°, 9%, 58%
HSV	145°, 12%, 62%
XYZ	28.1368, 32.0493, 32.3083
YIQ	151.0650, -7.7930, -7.4490

Conversions

Conversions Part 2

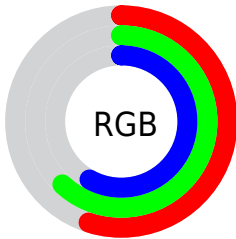
Format	Color
RYB	139, 152, 158
Decimal	9150099
CIELab	63.38, -8.94, 3.47
CIELCh	63, 9.587, 158.777
Yxy	32.0493, 0.3042, 0.3465
Android (android.graphics.Color)	4287340179 (0xFF8B9E93)
YUV	151.0650, -2.0040, -10.5810
Hunter-Lab	56.6121, -10.3549, 5.7919

Details

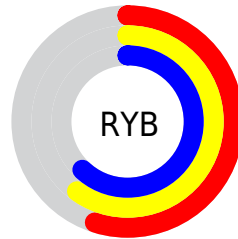
The Yxy color **32.0493, 0.3042, 0.3465** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9272, 0.3223, 0.3121**, and the grayscale version is **30.9864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1430, 0.3062, 0.3433**, and **13.4838, 0.3021, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **30.5123, 0.2973, 0.3629**, and if you desaturate by 10%, it is **33.8084, 0.3113, 0.3318**.

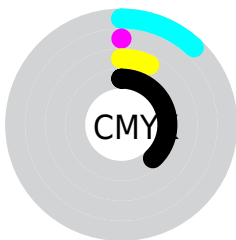
Distribution



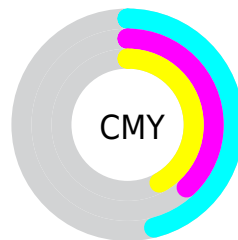
- Red (55%)
- Green (62%)
- Blue (58%)



- Red (55%)
- Yellow (60%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (38%)





- Cyan (46%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0493, 0.3042, 0.3465 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 32.0493, 0.3042, 0.3465 by changing the saturation by 10% instead.


 32.0493, 0.3042,
0.3465


 32.0493, 0.3042,
0.3465


311.3438, 0.3088,
0.3371


 21.3992, 0.3029,
0.3491


 62.8884, 0.3059,
0.3429

 13.4161, 0.3012,
0.3526


 83.8461, 0.3066,
0.3416

 7.7157, 0.2988,
0.3576


 109.0084, 0.3071,
0.3405

 3.9136, 0.2951,
0.3652

138.7598, 0.3075,
0.3396

 1.6253, 0.2887,
0.3783

173.4847, 0.3079,
0.3389

 0.3746, 0.2034,
0.5528

213.5674, 0.3082,

 0.0000, 0.0000,

0.3382

0.0000

259.3923, 0.3085,
0.3376

■ 32.0493, 0.3042,
0.3465

■ 32.0493, 0.3042,
0.3465

■ 30.5123, 0.2973,
0.3629

■ 33.8084, 0.3113,
0.3318

■ 29.1843, 0.2909,
0.3810

■ 35.7939, 0.3183,
0.3188

■ 28.0572, 0.2851,
0.4006

■ 38.0151, 0.3253,
0.3072

■ 27.1207, 0.2803,
0.4216

■ 40.4796, 0.3320,
0.2971

■ 26.3635, 0.2768,
0.4435

■ 43.1945, 0.3385,
0.2883

■ 25.7732, 0.2750,
0.4658

■ 46.1669, 0.3447,
0.2805

■ 25.3355, 0.2749,
0.4877

■ 49.4033, 0.3505,
0.2738

■ 25.0337, 0.2767,
0.5084

■ 50.8886, 0.3470,
0.2659

■ 24.8593, 0.2789,
0.5239

■ 51.3861, 0.3388,
0.2574

Harmonies

Analogous

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



32.0493, 0.3195, 0.3544



32.0493, 0.3042, 0.3465



32.0493, 0.2914, 0.3336

Triad

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



32.0493, 0.3042, 0.3465



32.0493, 0.2923, 0.3036



32.0493, 0.3419, 0.3372

Complementary

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



32.0493, 0.3042, 0.3465



27.9272, 0.3223, 0.3121

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.



32.0493, 0.3343, 0.3241



32.0493, 0.3042, 0.3465



32.0493, 0.3054, 0.3050

Square

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



32.0493, 0.3042, 0.3465



32.0493, 0.2847, 0.3088



32.0493, 0.3208, 0.3124



32.0493, 0.3415, 0.3486

Rectangle

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



32.0493, 0.3042, 0.3465



32.0493, 0.2860, 0.3242



32.0493, 0.3208, 0.3124



32.0493, 0.3402, 0.3328

Sweetspot

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



32.0507, 0.3042, 0.3465



60.7064, 0.3098, 0.3347



32.8122, 0.3222, 0.3587



13.6326, 0.3093, 0.3357



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.0507, 0.3042, 0.3465



57.5401, 0.3027, 0.3500



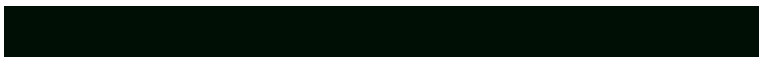
32.3587, 0.2961, 0.3314



7.4452, 0.3062, 0.3422



19.9140, 0.2784, 0.5223



0.3643, 0.2568, 0.4446

Inverse Universe

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



27.9272, 0.3223, 0.3121



48.8062, 0.3242, 0.3089



27.6359, 0.3321, 0.3266



6.7072, 0.3198, 0.3161



6.4392, 0.4596, 0.2305



0.1235, 0.3922, 0.1934

Previews

White Background



This preview shows how the Yxy color 32.0493, 0.3042, 0.3465 looks on a white background.

Color Contrast Check

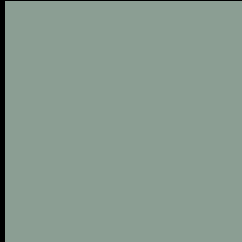
Large Text (above 18pt) WCAG AA × Fail

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 32.0493, 0.3042, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

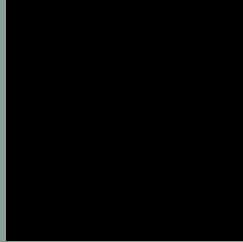
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

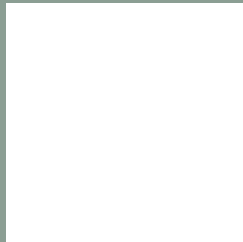
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0493, 0.3042, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 32.0493, 0.3042, 0.3465.



This preview shows how white text looks on a background with the Yxy color 32.0493, 0.3042, 0.3465.

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

32.0493, 0.3042, 0.3465

Protanopia

32.0652, 0.3263, 0.3427

Deuteranopia

31.8958, 0.3348, 0.3276



Tritanopia

31.9835, 0.2898, 0.3105

Trichromacy



Original Color

32.0493, 0.3042, 0.3465

Protanomaly

32.0663, 0.3180, 0.3445

Deuteranomaly

31.9655, 0.3236, 0.3351

Tritanomaly

31.9777, 0.2949, 0.3227

Monochromacy



Original Color

32.0493, 0.3042, 0.3465

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.5163, 0.3095, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0493, 0.3042, 0.3465 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(139, 158, 147)` looks like.

```
.text, #text, p{  
  color:rgb(139, 158, 147)  
}
```

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(139, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 158, 147) }
```

Border

The CSS property to change the border of an element to Yxy 32.0493, 0.3042, 0.3465 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(139, 158, 147) }
```

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

```
.border{ border-color:rgb(139, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 158, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 158, 147);  
box-shadow:4px 4px 4px 4px rgb(139, 158,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0493, 0.3042, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 158, 147) }
```

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

```
.background{ background-color: rgb(139,  
158, 147) }
```

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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