

Converting Colors

$Yxy(32.0781, 0.3215, 0.4003)$

Have a look what the booklet for
Yxy(32.0781, 0.3215, 0.4003)
contains.

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Color

Yxy(32.0781, 0.3215, 0.4003)

Conversions

Conversions Part 1

Format	Color
Hex	84A277
RGB	132, 162, 119
RGB Percent	52%, 64%, 47%
CMY	0.4825, 0.3647, 0.5332
CMYK	0.19, 0.00, 0.27, 0.36
HSL	102°, 19%, 55%
HSV	102°, 27%, 64%
XYZ	25.7635, 32.0781, 22.2936
YIQ	148.1280, -4.0770, -19.7330

Conversions

Conversions Part 2

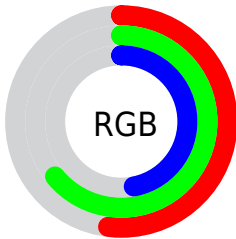
Format	Color
RYB	119, 162, 149
Decimal	8692343
CIELab	63.41, -18.69, 19.03
CIElCh	63, 26.670, 134.476
Yxy	32.0781, 0.3215, 0.4003
Android (android.graphics.Color)	4286882423 (0xFF84A277)
YUV	148.1280, -14.3601, -14.1443
Hunter-Lab	56.6375, -17.9191, 16.3086

Details

The Yxy color $32.0781, 0.3215, 0.4003$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $22.2036, 0.3008, 0.2617$, and the grayscale version is $29.7320, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.0051, 0.3209, 0.3857$, and $13.3879, 0.3237, 0.4265$ is the 20% darker color. If you saturate the color by 10%, you get $30.8592, 0.3241, 0.4311$, and if you desaturate by 10%, it is $33.4652, 0.3184, 0.3714$.

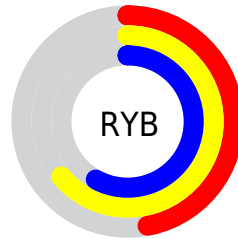
Distribution



Red (52%)

Green (64%)

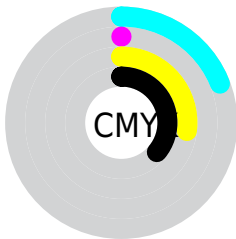
Blue (47%)



Red (47%)

Yellow (64%)

Blue (58%)

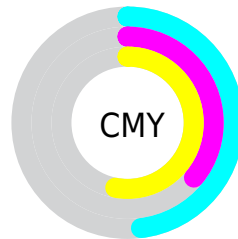


Cyan (19%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (48%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0781, 0.3215, 0.4003 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 32.0781, 0.3215, 0.4003 by changing the saturation by 10% instead.


 32.0781, 0.3215,
0.4003

 32.0781, 0.3215,
0.4003


311.4749, 0.3176,
0.3612

 21.4212, 0.3222,
0.4114


 62.9335, 0.3202,
0.3852

 13.4322, 0.3229,
0.4265


 83.9008, 0.3197,
0.3797

 7.7268, 0.3234,
0.4481


 109.0736, 0.3192,
0.3753

 3.9207, 0.3227,
0.4816

138.8363, 0.3188,
0.3716

 1.6293, 0.3339,
0.5668

173.5735, 0.3185,
0.3684

 0.3772, 0.0000,
1.0000

213.6693, 0.3181,

 0.0000, 0.0000,

0.3656

0.0000

259.5083, 0.3178,
0.3632

■ 32.0781, 0.3215,
0.4003

■ 32.0781, 0.3215,
0.4003

■ 30.8592, 0.3241,
0.4311

■ 33.4652, 0.3184,
0.3714

■ 29.7979, 0.3259,
0.4630

■ 35.0224, 0.3150,
0.3449

■ 28.8884, 0.3267,
0.4947


■ 36.7570, 0.3115,
0.3210


■ 28.1234, 0.3261,
0.5243


■ 38.6744, 0.3080,
0.2997

■ 27.4945, 0.3241,
0.5501

■ 40.7800, 0.3046,
0.2808

 26.9925, 0.3207,
0.5703


 43.0789, 0.3013,
0.2642

 26.6055, 0.3163,
0.5841

 45.5758, 0.2983,
0.2495

 26.4917, 0.3148,
0.5882

 48.2754, 0.2954,
0.2367

 50.5328, 0.2998,
0.2336

Harmonies

Analogous

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



32.0781, 0.3616, 0.4036



32.0781, 0.3215, 0.4003



32.0781, 0.2807, 0.3732

Triad

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



32.0781, 0.3215, 0.4003



32.0781, 0.2401, 0.2691



32.0781, 0.3790, 0.3206

Complementary

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



32.0781, 0.3215, 0.4003



22.2036, 0.3008, 0.2617

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.



32.0781, 0.3424, 0.2899



32.0781, 0.3215, 0.4003



32.0781, 0.2626, 0.2607

Square

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



32.0781, 0.3215, 0.4003



32.0781, 0.2355, 0.2942



32.0781, 0.2994, 0.2686



32.0781, 0.3966, 0.3547

Rectangle

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



32.0781, 0.3215, 0.4003



32.0781, 0.2585, 0.3466



32.0781, 0.2994, 0.2686



32.0781, 0.3684, 0.3096

Sweetspot

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



32.0795, 0.3215, 0.4003



63.0939, 0.3156, 0.3490



30.3194, 0.3566, 0.3743



14.0755, 0.3161, 0.3528



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.0795, 0.3215, 0.4003



56.8502, 0.3232, 0.4189



31.2972, 0.3027, 0.3890



7.9936, 0.3159, 0.3519



20.8885, 0.3154, 0.5878



0.4625, 0.3437, 0.5653

Inverse Universe

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



22.2036, 0.3008, 0.2617



35.7676, 0.2973, 0.2453



23.2190, 0.3246, 0.2757



7.0946, 0.3092, 0.3065



4.8549, 0.2473, 0.1136



0.1248, 0.2754, 0.1291

Previews

White Background



This preview shows how the Yxy color 32.0781, 0.3215, 0.4003 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 32.0781, 0.3215, 0.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

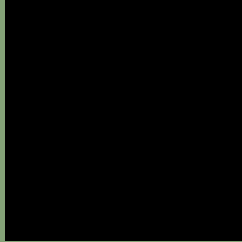
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0781, 0.3215, 0.4003

Background



This preview shows how black text looks on a background with the Yxy color 32.0781, 0.3215, 0.4003.



This preview shows how white text looks on a background with the Yxy color 32.0781, 0.3215, 0.4003.

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

32.0781, 0.3215, 0.4003

Protanopia

31.9128, 0.3611, 0.3867

Deuteranopia

31.7376, 0.3719, 0.3653



Tritanopia

32.1795, 0.2873, 0.3105

Trichromacy



Original Color

32.0781, 0.3215, 0.4003

Protanomaly

31.7133, 0.3461, 0.3921

Deuteranomaly

31.4140, 0.3523, 0.3767

Tritanomaly

31.9741, 0.2998, 0.3417

Monochromacy



Original Color

32.0781, 0.3215, 0.4003

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.3394, 0.3165, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0781, 0.3215, 0.4003 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(132, 162, 119)` looks like.

```
.text, #text, p{  
    color:rgb(132, 162, 119)  
}
```

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(132, 162, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 162, 119) }
```

Border

The CSS property to change the border of an element to Yxy 32.0781, 0.3215, 0.4003 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(132, 162, 119) }
```

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

```
.border{ border-color:rgb(132, 162, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 162, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 162, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 162, 119);  
box-shadow:4px 4px 4px 4px rgb(132, 162,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0781, 0.3215, 0.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 162, 119) }
```

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

```
.background{ background-color: rgb(132,  
162, 119) }
```

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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