

Converting Colors

$Yxy(32.0088, 0.2922, 0.3662)$

Have a look what the booklet for
Yxy(32.0088, 0.2922, 0.3662)
contains.

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Color

Yxy(32.1105, 0.2921, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	78A38D
RGB	120, 163, 141
RGB Percent	47%, 64%, 55%
CMY	0.5295, 0.3608, 0.4470
CMYK	0.26, 0.00, 0.13, 0.36
HSL	149°, 19%, 55%
HSV	149°, 26%, 64%
XYZ	25.6480, 32.1105, 30.0471
YIQ	147.6350, -18.5660, -15.9580

Conversions

Conversions Part 2

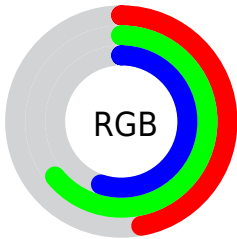
Format	Color
RYB	120, 149, 163
Decimal	7906189
CIELab	63.43, -19.28, 6.75
CIELCh	63, 20.431, 160.721
Yxy	32.1105, 0.2921, 0.3657
Android (android.graphics.Color)	4286096269 (0xFF78A38D)
YUV	147.6350, -3.2711, -24.2359
Hunter-Lab	56.6661, -18.3737, 8.2279

Details

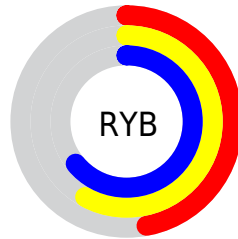
The Yxy color **32.1105, 0.2921, 0.3657** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1663, 0.3401, 0.2951**, and the grayscale version is **29.4726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9672, 0.2961, 0.3574**, and **13.4263, 0.2846, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **30.8053, 0.2851, 0.3822**, and if you desaturate by 10%, it is **33.6354, 0.2997, 0.3506**.

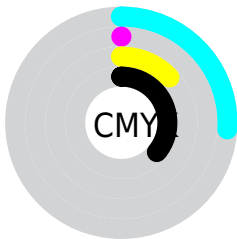
Distribution



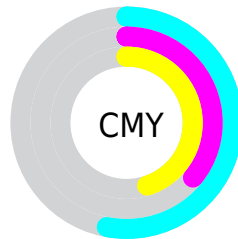
- Red (47%)
- Green (64%)
- Blue (55%)



- Red (47%)
- Yellow (58%)
- Blue (64%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)





- Cyan (53%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1105, 0.2921, 0.3657 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 32.1105, 0.2921, 0.3657 by changing the saturation by 10% instead.

 32.1105, 0.2921,
0.3657


 32.1105, 0.2921,
0.3657


311.6223, 0.3033,
0.3457

 21.4459, 0.2890,
0.3713


 62.9843, 0.2964,
0.3580

 13.4503, 0.2848,
0.3789


 83.9623, 0.2979,
0.3553

 7.7394, 0.2787,
0.3898


 109.1468, 0.2992,
0.3530

 3.9286, 0.2694,
0.4068

138.9224, 0.3003,
0.3511

 1.6337, 0.2532,
0.4368

173.6733, 0.3012,
0.3495

 0.3802, 0.0000,
1.0000

213.7840, 0.3020,

 0.0000, 0.0000,

0.3480

0.0000

259.6389, 0.3027,
0.3468

■ 32.1105, 0.2921,
0.3657

■ 32.1105, 0.2921,
0.3657

■ 30.8053, 0.2851,
0.3822

■ 33.6354, 0.2997,
0.3506

■ 29.7054, 0.2791,
0.4001

■ 35.3859, 0.3076,
0.3370

■ 28.8007, 0.2743,
0.4190

■ 37.3722, 0.3156,
0.3248

■ 28.0788, 0.2710,
0.4385

■ 39.6031, 0.3236,
0.3140

■ 27.5257, 0.2695,
0.4583

■ 42.0867, 0.3315,
0.3044

■ 27.1252, 0.2699,
0.4778

■ 44.8308, 0.3391,
0.2961

■ 26.8546, 0.2721,
0.4964

■ 47.8429, 0.3464,
0.2887

■ 26.7716, 0.2730,
0.5029

■ 51.1301, 0.3534,
0.2823

■ 52.4160, 0.3499,
0.2748

Harmonies

Analogous

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



32.1105, 0.3241, 0.3841



32.1105, 0.2921, 0.3657



32.1105, 0.2665, 0.3361

Triad

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



32.1105, 0.2921, 0.3657



32.1105, 0.2711, 0.2760



32.1105, 0.3760, 0.3465

Complementary

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



32.1105, 0.2921, 0.3657



23.1663, 0.3401, 0.2951

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.



32.1105, 0.3605, 0.3197



32.1105, 0.2921, 0.3657



32.1105, 0.2988, 0.2803

Square

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



32.1105, 0.2921, 0.3657



32.1105, 0.2550, 0.2847



32.1105, 0.3316, 0.2960



32.1105, 0.3735, 0.3706

Rectangle

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



32.1105, 0.2921, 0.3657



32.1105, 0.2561, 0.3156



32.1105, 0.3316, 0.2960



32.1105, 0.3728, 0.3375

Sweetspot

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



32.1118, 0.2921, 0.3657



62.7882, 0.3062, 0.3392



33.3221, 0.3305, 0.3979



13.9961, 0.3050, 0.3412



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.



32.1118, 0.2921, 0.3657



56.0096, 0.2877, 0.3758



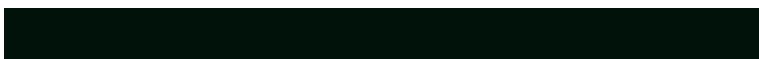
32.8076, 0.2755, 0.3300



7.9500, 0.3053, 0.3407



20.8133, 0.2726, 0.5013



0.4469, 0.2537, 0.4332

Inverse Universe

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



23.1663, 0.3401, 0.2951



37.1045, 0.3486, 0.2867



22.5869, 0.3667, 0.3280



7.1436, 0.3209, 0.3176



6.5503, 0.4873, 0.2458



0.1472, 0.4128, 0.2048

Previews

White Background



This preview shows how the Yxy color 32.1105, 0.2921, 0.3657 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 32.1105, 0.2921, 0.3657 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 32.1105, 0.2921, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 32.1105, 0.2921, 0.3657.



This preview shows how white text looks on a background with the Yxy color 32.1105, 0.2921, 0.3657.

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

32.1105, 0.2921, 0.3657

Protanopia

32.0336, 0.3361, 0.3550

Deuteranopia

31.8514, 0.3409, 0.3349



Tritanopia

32.1722, 0.2732, 0.3100

Trichromacy



Original Color

32.1105, 0.2921, 0.3657

Protanomaly

31.9687, 0.3182, 0.3591

Deuteranomaly

31.4410, 0.3211, 0.3446

Tritanomaly

31.9648, 0.2802, 0.3289

Monochromacy



Original Color

32.1105, 0.2921, 0.3657

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.2301, 0.3052, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1105, 0.2921, 0.3657 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(120, 163, 141)` looks like.

```
.text, #text, p{  
    color:rgb(120, 163, 141)  
}
```

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(120, 163, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 163, 141) }
```

Border

The CSS property to change the border of an element to Yxy 32.1105, 0.2921, 0.3657 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(120, 163, 141) }
```

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

```
.border{ border-color:rgb(120, 163, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 163, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 163, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 163, 141); box-shadow:4px 4px 4px 4px rgb(120, 163, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1105, 0.2921, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 163, 141) }
```

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

```
.background{ background-color: rgb(120,  
163, 141) }
```

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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