

Converting Colors

$Yxy(30.0632, 0.2903, 0.3457)$

Have a look what the booklet for
Yxy(30.0632, 0.2903, 0.3457)
contains.

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Color

Yxy(30.0632, 0.2903, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	7B9C92
RGB	123, 156, 146
RGB Percent	48%, 61%, 57%
CMY	0.5176, 0.3882, 0.4276
CMYK	0.21, 0.00, 0.06, 0.39
HSL	162°, 14%, 55%
HSV	162°, 21%, 61%
XYZ	25.2454, 30.0632, 31.6546
YIQ	144.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

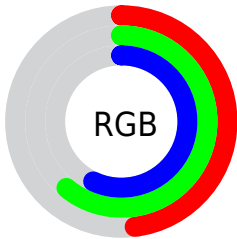
Format	Color
RYB	123, 142, 156
Decimal	8101010
CIELab	61.71, -13.55, 1.49
CIELCh	62, 13.629, 173.729
Yxy	30.0632, 0.2903, 0.3457
Android (android.graphics.Color)	4286291090 (0xFF7B9C92)
YUV	144.9930, 0.4965, -19.2879
Hunter-Lab	54.8299, -13.7653, 4.1514

Details

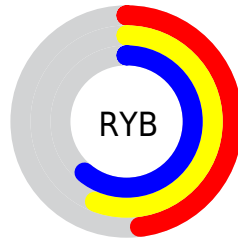
The Yxy color **30.0632, 0.2903, 0.3457** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9340, 0.3416, 0.3130**, and the grayscale version is **28.3167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9888, 0.2948, 0.3426**, and **12.3641, 0.2815, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **28.8593, 0.2806, 0.3548**, and if you desaturate by 10%, it is **31.4590, 0.3007, 0.3374**.

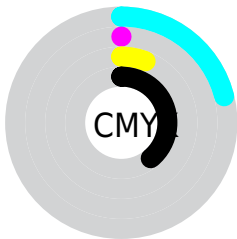
Distribution



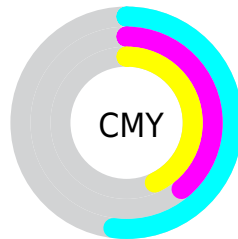
- Red (48%)
- Green (61%)
- Blue (57%)



- Red (48%)
- Yellow (56%)
- Blue (61%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)




- Cyan (52%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0632, 0.2903, 0.3457 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 30.0632, 0.2903, 0.3457 by changing the saturation by 10% instead.


 30.0632, 0.2903,
0.3457


 30.0632, 0.2903,
0.3457


302.1989, 0.3024,
0.3367


 19.8866, 0.2870,
0.3482


 59.7621, 0.2949,
0.3422

 12.3126, 0.2825,
0.3516


 80.0532, 0.2966,
0.3410

 6.9570, 0.2761,
0.3564


 104.4845, 0.2979,
0.3400

 3.4352, 0.2664,
0.3639

133.4405, 0.2991,
0.3391

 1.3629, 0.2497,
0.3770

167.3055, 0.3001,
0.3384

 0.1892, 0.0000,
0.6499

206.4640, 0.3009,

 0.0000, 0.0000,

0.3377

0.0000

251.3004, 0.3017,
0.3372

■ 30.0632, 0.2903,
0.3457

■ 30.0632, 0.2903,
0.3457

■ 28.8593, 0.2806,
0.3548

■ 31.4590, 0.3007,
0.3374

■ 27.8350, 0.2719,
0.3646

■ 33.0513, 0.3115,
0.3298

■ 26.9819, 0.2645,
0.3750

■ 34.8489, 0.3225,
0.3230

■ 26.2898, 0.2586,
0.3859

■ 36.8590, 0.3335,
0.3170

■ 25.7472, 0.2545,
0.3971

■ 39.0886, 0.3444,
0.3116

■ 25.3412, 0.2522,
0.4084

■ 41.5443, 0.3551,
0.3069

■ 25.0564, 0.2519,
0.4198

■ 44.2324, 0.3655,
0.3028

■ 24.8722, 0.2527,
0.4298

■ 47.1590, 0.3754,
0.2992

■ 48.6972, 0.3773,
0.2950

Harmonies

Analogous

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



30.0632, 0.3112, 0.3618



30.0632, 0.2903, 0.3457



30.0632, 0.2757, 0.3251

Triad

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



30.0632, 0.2903, 0.3457



30.0632, 0.2918, 0.2924



30.0632, 0.3565, 0.3493

Complementary

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



30.0632, 0.2903, 0.3457



22.9340, 0.3416, 0.3130

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.



30.0632, 0.3511, 0.3310



30.0632, 0.2903, 0.3457



30.0632, 0.3131, 0.2990

Square

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



30.0632, 0.2903, 0.3457



30.0632, 0.2765, 0.2949



30.0632, 0.3350, 0.3129



30.0632, 0.3497, 0.3631

Rectangle

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



30.0632, 0.2903, 0.3457



30.0632, 0.2712, 0.3121



30.0632, 0.3350, 0.3129



30.0632, 0.3561, 0.3434

Sweetspot

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



30.0644, 0.2903, 0.3457



58.5440, 0.3060, 0.3335



30.2325, 0.3204, 0.3842



12.8449, 0.3054, 0.3339



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.0644, 0.2903, 0.3457



53.6101, 0.2860, 0.3496



28.4112, 0.2814, 0.3189



7.4751, 0.3027, 0.3359



20.4930, 0.2525, 0.4290



0.3735, 0.2400, 0.3840

Inverse Universe

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



22.9340, 0.3416, 0.3130



38.4660, 0.3492, 0.3094



24.2170, 0.3519, 0.3389



6.6777, 0.3239, 0.3222



5.9994, 0.5697, 0.2912



0.1143, 0.4685, 0.2355

Previews

White Background



This preview shows how the Yxy color 30.0632, 0.2903, 0.3457 looks on a white background.

Color Contrast Check

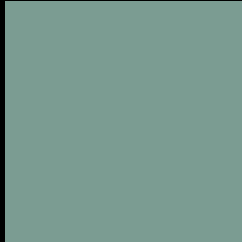
Large Text (above 18pt) WCAG AA × Fail

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 30.0632, 0.2903, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

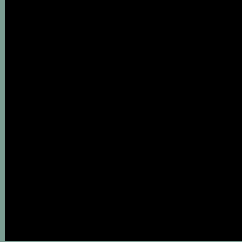
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0632, 0.2903, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 30.0632, 0.2903, 0.3457.



This preview shows how white text looks on a background with the Yxy color 30.0632, 0.2903, 0.3457.

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

30.0632, 0.2903, 0.3457

Protanopia

29.9051, 0.3237, 0.3384

Deuteranopia

29.8712, 0.3290, 0.3230



Tritanopia

30.0111, 0.2779, 0.3097

Trichromacy



Original Color

30.0632, 0.2903, 0.3457

Protanomaly

29.8672, 0.3111, 0.3419

Deuteranomaly

29.5823, 0.3137, 0.3306

Tritanomaly

30.0154, 0.2828, 0.3224

Monochromacy



Original Color

30.0632, 0.2903, 0.3457

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.8576, 0.3043, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0632, 0.2903, 0.3457 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(123, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(123, 156, 146)  
}
```

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(123, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 156, 146) }
```

Border

The CSS property to change the border of an element to Yxy 30.0632, 0.2903, 0.3457 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(123, 156, 146) }
```

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

```
.border{ border-color:rgb(123, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(123, 156,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0632, 0.2903, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 156, 146) }
```

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

```
.background{ background-color: rgb(123,  
156, 146) }
```

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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