

Converting Colors

$Y_{xy}(32.3709, 0.2817, 0.3233)$

Have a look what the booklet for
Yxy(32.3709, 0.2817, 0.3233)
contains.

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Color

Yxy(32.4531, 0.2820, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	81A0A3
RGB	129, 160, 163
RGB Percent	51%, 63%, 64%
CMY	0.4943, 0.3725, 0.3608
CMYK	0.21, 0.02, 0.00, 0.36
HSL	185°, 16%, 57%
HSV	185°, 21%, 64%
XYZ	28.2288, 32.4531, 39.4202
YIQ	151.0730, -19.4390, -5.6390

Conversions

Conversions Part 2

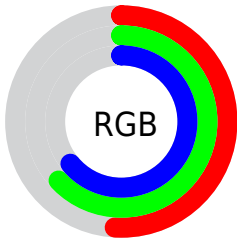
Format	Color
RYB	129, 145, 163
Decimal	8495267
CIELab	63.72, -10.01, -5.10
CIElCh	64, 11.232, 207.025
Yxy	32.4531, 0.2820, 0.3242
Android (android.graphics.Color)	4286685347 (0xFF81A0A3)
YUV	151.0730, 5.8800, -19.3580
Hunter-Lab	56.9676, -11.2424, -1.1499

Details

The Yxy color **32.4531, 0.2820, 0.3242** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.8521, 0.3525, 0.3338**, and the grayscale version is **30.9578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6079, 0.2877, 0.3254**, and **13.7472, 0.2727, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **30.7879, 0.2685, 0.3216**, and if you desaturate by 10%, it is **34.3301, 0.2964, 0.3266**.

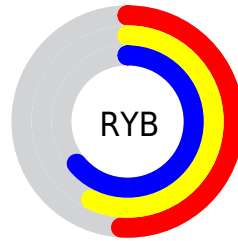
Distribution



Red (51%)

Green (63%)

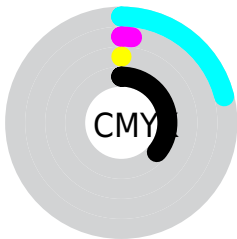
Blue (64%)



Red (51%)

Yellow (57%)

Blue (64%)

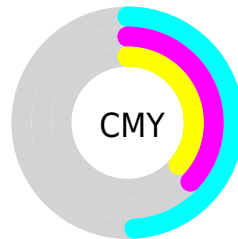


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4531, 0.2820, 0.3242 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 32.4531, 0.2820, 0.3242 by changing the saturation by 10% instead.

■ 32.4531, 0.2820,
0.3242

■ 32.4531, 0.2820,
0.3242

■ 313.1781, 0.2982,
0.3269

■ 21.7078, 0.2777,
0.3234

■ 63.5207, 0.2881,
0.3253

■ 13.6424, 0.2720,
0.3223

■ 84.6119, 0.2903,
0.3257

■ 7.8724, 0.2640,
0.3207

■ 109.9204, 0.2921,
0.3260

■ 4.0134, 0.2523,
0.3180

■ 139.8308, 0.2937,
0.3262

■ 1.6810, 0.2333,
0.3132

■ 174.7273, 0.2951,
0.3264

■ 0.4113, 0.1077,
0.3018

■ 214.9945, 0.2962,

■ 0.0000, 0.0000,

0.3266

0.0000

261.0166, 0.2973,
0.3268

■ 32.4531, 0.2820,
0.3242

■ 32.4531, 0.2820,
0.3242

■ 30.7879, 0.2685,
0.3216

■ 34.3301, 0.2964,
0.3266

■ 29.3210, 0.2562,
0.3189

■ 36.4241, 0.3114,
0.3288

■ 28.0432, 0.2454,
0.3161

■ 38.7448, 0.3267,
0.3308

■ 26.9431, 0.2362,
0.3132

■ 41.3001, 0.3421,
0.3326

■ 26.0081, 0.2287,
0.3102

■ 44.0978, 0.3575,
0.3343

■ 25.2237, 0.2232,
0.3073

■ 47.1451, 0.3725,
0.3357

■ 24.5730, 0.2194,
0.3043

■ 50.4490, 0.3871,
0.3369

■ 24.0603, 0.2171,
0.3017

■ 53.1825, 0.3973,
0.3381

■ 53.7249, 0.3967,
0.3396

Harmonies

Analogous

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



32.4531, 0.2931, 0.3407



32.4531, 0.2820, 0.3242



32.4531, 0.2789, 0.3097

Triad

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



32.4531, 0.2820, 0.3242



32.4531, 0.3151, 0.3057



32.4531, 0.3413, 0.3573

Complementary

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



32.4531, 0.2820, 0.3242



25.8521, 0.3525, 0.3338

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.



32.4531, 0.3477, 0.3470



32.4531, 0.2820, 0.3242



32.4531, 0.3323, 0.3175

Square

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



32.4531, 0.2820, 0.3242



32.4531, 0.2976, 0.2996



32.4531, 0.3444, 0.3325



32.4531, 0.3273, 0.3601

Rectangle

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



32.4531, 0.2820, 0.3242



32.4531, 0.2817, 0.3030



32.4531, 0.3444, 0.3325



32.4531, 0.3445, 0.3546

Sweetspot

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



32.4544, 0.2820, 0.3242



63.2319, 0.3035, 0.3277



32.5139, 0.3077, 0.3805



14.1505, 0.3026, 0.3275



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.



32.4544, 0.2820, 0.3242



56.7194, 0.2757, 0.3230



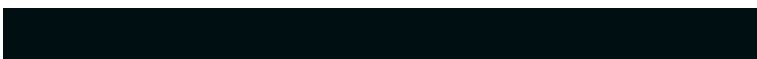
26.9933, 0.2802, 0.2966



7.9050, 0.2988, 0.3270



18.7358, 0.2172, 0.3019



0.4224, 0.2202, 0.3125

Inverse Universe

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



26.0127, 0.3182, 0.2826



43.1576, 0.3196, 0.2722



30.8031, 0.3474, 0.3594



7.1915, 0.3150, 0.3087



7.7355, 0.3437, 0.1667



0.1654, 0.3345, 0.1617

Previews

White Background



This preview shows how the Yxy color 32.4531, 0.2820, 0.3242 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 32.4531, 0.2820, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

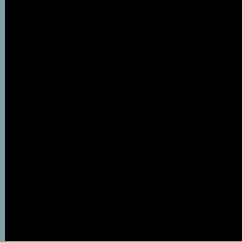
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4531, 0.2820, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 32.4531, 0.2820, 0.3242.



This preview shows how white text looks on a background with the Yxy color 32.4531, 0.2820, 0.3242.

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

32.4531, 0.2820, 0.3242

Protanopia

32.2542, 0.3092, 0.3200

Deuteranopia

32.4218, 0.3127, 0.3072



Tritanopia

32.5618, 0.2774, 0.3103

Trichromacy



Original Color

32.4531, 0.2820, 0.3242

Protanomaly

32.4260, 0.2995, 0.3228

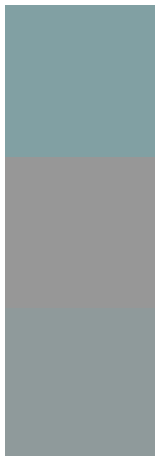
Deuteranomaly

32.3708, 0.3008, 0.3139

Tritanomaly

32.3693, 0.2788, 0.3148

Monochromacy



Original Color

32.4531, 0.2820, 0.3242

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.3174, 0.3011, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4531, 0.2820, 0.3242 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(129, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(129, 160, 163)  
}
```

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(129, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 160, 163) }
```

Border

The CSS property to change the border of an element to Yxy 32.4531, 0.2820, 0.3242 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(129, 160, 163) }
```

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

```
.border{ border-color:rgb(129, 160, 163) }
```

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

Here you see how a box with a 4 pixel rgb(129, 160, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(129, 160,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4531, 0.2820, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 160, 163) }
```

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

```
.background{ background-color: rgb(129,  
160, 163) }
```

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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