

Converting Colors

$Y_{xy}(30.9318, 0.2583, 0.3261)$

Have a look what the booklet for
Yxy(30.9318, 0.2583, 0.3261)
contains.

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Color

Yxy(31.0817, 0.2586, 0.3272)

Conversions

Conversions Part 1

Format	Color
Hex	62A2A3
RGB	98, 162, 163
RGB Percent	38%, 64%, 64%
CMY	0.6158, 0.3647, 0.3609
CMYK	0.40, 0.01, 0.00, 0.36
HSL	181°, 26%, 51%
HSV	181°, 40%, 64%
XYZ	24.5652, 31.0817, 39.3461
YIQ	142.9780, -38.4650, -13.2570

Conversions

Conversions Part 2

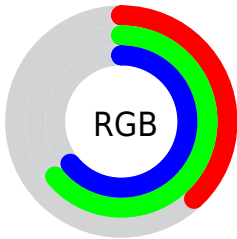
Format	Color
R_{YB}	98, 130, 163
Decimal	6464163
CIE _{Lab}	62.58, -20.20, -6.98
CIE _{LCh}	63, 21.372, 199.056
Yxy	31.0817, 0.2586, 0.3272
Android (android.graphics.Color)	4284654243 (0xFF62A2A3)
YUV	142.9780, 9.8708, -39.4457
Hunter-Lab	55.7510, -18.9129, -2.8181

Details

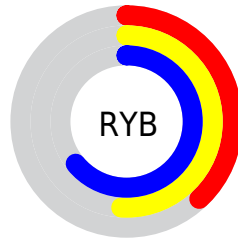
The Yxy color **31.0817, 0.2586, 0.3272** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.5815, 0.4095, 0.3308**, and the grayscale version is **27.4289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3631, 0.2692, 0.3276**, and **12.8350, 0.2411, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **30.1810, 0.2483, 0.3267**, and if you desaturate by 10%, it is **32.1696, 0.2704, 0.3277**.

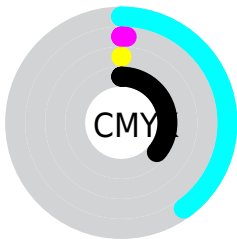
Distribution



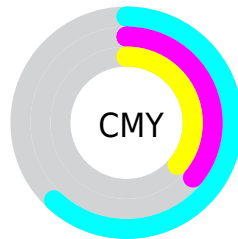
- Red (38%)
- Green (64%)
- Blue (64%)



- Red (38%)
- Yellow (51%)
- Blue (64%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)





- Cyan (62%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0817, 0.2586, 0.3272 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 31.0817, 0.2586, 0.3272 by changing the saturation by 10% instead.

 31.0817, 0.2586,
0.3272


 31.0817, 0.2586,
0.3272


306.9145, 0.2871,
0.3287

 20.6611, 0.2510,
0.3266


 61.3687, 0.2693,
0.3279


 12.8765, 0.2410,
0.3257


 82.0038, 0.2732,
0.3281

 7.3435, 0.2272,
0.3241


 106.8126, 0.2765,
0.3283

 3.6779, 0.2070,
0.3212

 136.1793, 0.2792,
0.3284

 1.4950, 0.1749,
0.3149

170.4885, 0.2816,
0.3285

 0.2852, 0.0000,
0.2632

210.1245, 0.2837,

 0.0000, 0.0000,

0.3286

0.0000

255.4717, 0.2855,
0.3286

■ 31.0817, 0.2586,
0.3272

■ 31.0817, 0.2586,
0.3272

■ 30.1810, 0.2483,
0.3267

■ 32.1696, 0.2704,
0.3277

■ 29.4525, 0.2398,
0.3262

■ 33.4514, 0.2836,
0.3282

■ 28.8850, 0.2331,
0.3257

■ 34.9378, 0.2979,
0.3286

■ 28.4642, 0.2283,
0.3252

■ 36.6378, 0.3129,
0.3290

■ 28.1736, 0.2252,
0.3247

■ 38.5598, 0.3284,
0.3294

■ 27.9752, 0.2234,
0.3242

■ 40.7117, 0.3442,
0.3297

■ 27.9729, 0.2234,
0.3242

■ 43.1011, 0.3599,
0.3300

■ 45.7352, 0.3755,
0.3303

■ 48.6210, 0.3907,
0.3306

Harmonies

Analogous

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



31.0817, 0.2824, 0.3599



31.0817, 0.2586, 0.3272



31.0817, 0.2489, 0.2973

Triad

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



31.0817, 0.2586, 0.3272



31.0817, 0.3074, 0.2812



31.0817, 0.3728, 0.3785

Complementary

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



31.0817, 0.2586, 0.3272



17.5815, 0.4095, 0.3308

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.



31.0817, 0.3810, 0.3549



31.0817, 0.2586, 0.3272



31.0817, 0.3420, 0.3005

Square

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



31.0817, 0.2586, 0.3272



31.0817, 0.2759, 0.2730



31.0817, 0.3696, 0.3268



31.0817, 0.3483, 0.3901

Rectangle

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



31.0817, 0.2586, 0.3272



31.0817, 0.2513, 0.2831



31.0817, 0.3696, 0.3268



31.0817, 0.3776, 0.3716

Sweetspot

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



31.0829, 0.2586, 0.3272



61.9290, 0.2945, 0.3285



29.6652, 0.3071, 0.4481



13.8338, 0.2927, 0.3284



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.



31.0829, 0.2586, 0.3272



54.2108, 0.2493, 0.3268



21.3332, 0.2501, 0.2709



7.9930, 0.2988, 0.3286



21.7517, 0.2234, 0.3243



0.4624, 0.2239, 0.3260

Inverse Universe

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



19.1256, 0.3184, 0.2343



29.7690, 0.3197, 0.2149



24.7600, 0.3894, 0.3803



7.2003, 0.3140, 0.3072



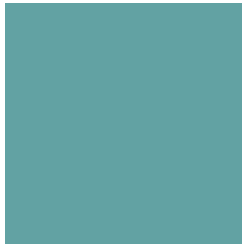
8.0400, 0.3246, 0.1562



0.1695, 0.3232, 0.1554

Previews

White Background



This preview shows how the Yxy color 31.0817, 0.2586, 0.3272 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 31.0817, 0.2586, 0.3272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

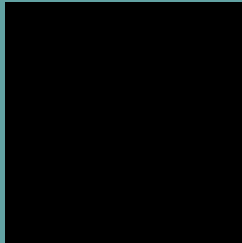
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0817, 0.2586, 0.3272

Background



This preview shows how black text looks on a background with the Yxy color 31.0817, 0.2586, 0.3272.

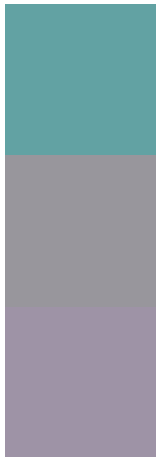


This preview shows how white text looks on a background with the Yxy color 31.0817, 0.2586, 0.3272.

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

31.0817, 0.2586, 0.3272

Protanopia

30.8884, 0.3091, 0.3198

Deuteranopia

30.8897, 0.3059, 0.3008



Tritanopia

30.9254, 0.2534, 0.3075

Trichromacy



Original Color

31.0817, 0.2586, 0.3272

Protanomaly

30.5199, 0.2874, 0.3209

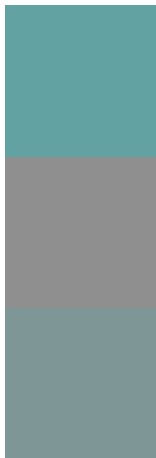
Deuteranomaly

30.4073, 0.2858, 0.3085

Tritanomaly

31.0636, 0.2556, 0.3156

Monochromacy



Original Color

31.0817, 0.2586, 0.3272

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.5267, 0.2902, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0817, 0.2586, 0.3272 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(98, 162, 163) looks like.

```
.text, #text, p{  
    color:rgb(98, 162, 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(98, 162, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 162, 163) }
```

Border

The CSS property to change the border of an element to Yxy 31.0817, 0.2586, 0.3272 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(98, 162, 163) }
```

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

```
.border{ border-color:rgb(98, 162, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 162, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 162, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 162, 163);  
box-shadow:4px 4px 4px 4px rgb(98, 162,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0817, 0.2586, 0.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 162, 163) }
```

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

```
.background{ background-color: rgb(98, 162,  
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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