

Converting Colors

$Yxy(13.0956, 0.2583, 0.3369)$

Have a look what the booklet for
Yxy(13.0956, 0.2583, 0.3369)
contains.

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Color

$Y_{xy}(13.1531, 0.2585, 0.3387)$

Conversions

Conversions Part 1

Format	Color
Hex	3C6E6A
RGB	60, 110, 106
RGB Percent	24%, 43%, 42%
CMY	0.7649, 0.5686, 0.5844
CMYK	0.45, 0.00, 0.04, 0.57
HSL	175°, 29%, 33%
HSV	175°, 45%, 43%
XYZ	10.0386, 13.1531, 15.6424
YIQ	94.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

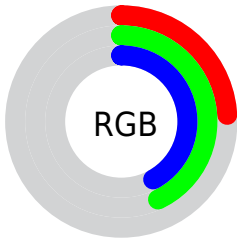
Format	Color
RYB	60, 86, 110
Decimal	3960426
CIELab	42.99, -17.93, -3.04
CIELCh	43, 18.189, 189.607
Yxy	13.1531, 0.2585, 0.3387
Android (android.graphics.Color)	4282150506 (0xFF3C6E6A)
YUV	94.5940, 5.6232, -30.3389
Hunter-Lab	36.2672, -14.0596, -0.1853

Details

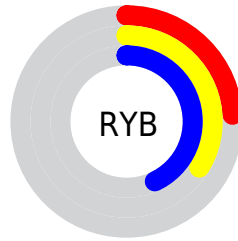
The Yxy color **13.1531, 0.2585, 0.3387** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.9131, 0.4154, 0.3202**, and the grayscale version is **11.3311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.6545, 0.2723, 0.3372**, and **3.7933, 0.2319, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **12.8279, 0.2499, 0.3412**, and if you desaturate by 10%, it is **13.5508, 0.2685, 0.3363**.

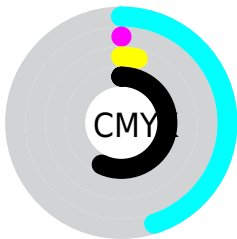
Distribution



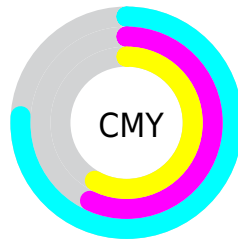
- Red (24%)
- Green (43%)
- Blue (42%)



- Red (24%)
- Yellow (34%)
- Blue (43%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (57%)





- Cyan (76%)
- Magenta (57%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1531, 0.2585, 0.3387 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 13.1531, 0.2585, 0.3387 by changing the saturation by 10% instead.


 13.1531, 0.2585,
0.3387


 13.1531, 0.2585,
0.3387


 211.8965, 0.2909,
0.3332


 7.5341, 0.2478,
0.3403


 31.5786, 0.2720,
0.3366


 3.7983, 0.2320,
0.3424

 45.1538, 0.2765,
0.3358


 1.5614, 0.2062,
0.3452

 62.1498, 0.2801,
0.3352

 0.3313, 0.0000,
0.3664

 82.9511, 0.2830,
0.3347

 0.0000, 0.0000,
0.0000

 107.9420, 0.2855,
0.3342

 137.5070, 0.2876,

0.3338

172.0304, 0.2894,
0.3335

■ 13.1531, 0.2585,
0.3387

■ 13.1531, 0.2585,
0.3387

■ 12.8279, 0.2499,
0.3412

■ 13.5508, 0.2685,
0.3363

■ 12.5691, 0.2430,
0.3437

■ 14.0235, 0.2798,
0.3341

■ 12.3723, 0.2377,
0.3463

■ 14.5754, 0.2922,
0.3320


■ 12.2320, 0.2342,
0.3489

■ 15.2101, 0.3053,
0.3300


■ 12.1366, 0.2321,
0.3515


■ 15.9309, 0.3189,
0.3282

 12.0968, 0.2313,
0.3526

 16.7409, 0.3329,
0.3266

 17.6431, 0.3469,
0.3252

 18.6402, 0.3609,
0.3239

 19.7351, 0.3746,
0.3228

Harmonies

Analogous

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



13.1531, 0.2891, 0.3746



13.1531, 0.2585, 0.3387



13.1531, 0.2425, 0.3024

Triad

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



13.1531, 0.2585, 0.3387



13.1531, 0.2944, 0.2710



13.1531, 0.3860, 0.3772

Complementary

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



13.1531, 0.2585, 0.3387



6.9131, 0.4154, 0.3202

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.



13.1531, 0.3885, 0.3480



13.1531, 0.2585, 0.3387



13.1531, 0.3337, 0.2890

Square

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



13.1531, 0.2585, 0.3387



13.1531, 0.2621, 0.2662



13.1531, 0.3690, 0.3164



13.1531, 0.3631, 0.3960

Rectangle

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



13.1531, 0.2585, 0.3387



13.1531, 0.2414, 0.2837



13.1531, 0.3690, 0.3164



13.1531, 0.3893, 0.3682

Sweetspot

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



13.1536, 0.2585, 0.3387



25.7106, 0.2936, 0.3317



12.5740, 0.3115, 0.4600



5.9429, 0.2915, 0.3321



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



13.1536, 0.2585, 0.3387



22.4753, 0.2492, 0.3414



9.2561, 0.2457, 0.2753



3.8108, 0.3006, 0.3307



14.5276, 0.2314, 0.3529



72.3087, 0.2318, 0.3543

Inverse Universe

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



6.9131, 0.4154, 0.3202



9.9674, 0.4558, 0.3185



9.4987, 0.4031, 0.3763



3.4055, 0.3263, 0.3273



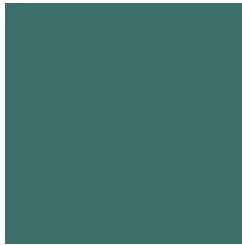
4.0034, 0.6262, 0.3223



19.8879, 0.6334, 0.3263

Previews

White Background



This preview shows how the Yxy color 13.1531, 0.2585, 0.3387 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 13.1531, 0.2585, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

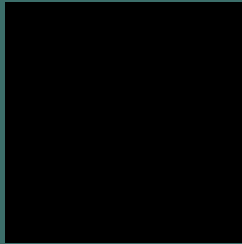
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.1531, 0.2585, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 13.1531, 0.2585, 0.3387.



This preview shows how white text looks on a background with the Yxy color 13.1531, 0.2585, 0.3387.

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

13.1531, 0.2585, 0.3387

Protanopia

13.1110, 0.3170, 0.3312

Deuteranopia

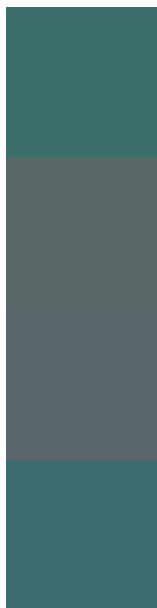
13.0276, 0.3123, 0.3057



Tritanopia

13.0662, 0.2501, 0.3076

Trichromacy



Original Color

13.1531, 0.2585, 0.3387

Protanomaly

12.8862, 0.2920, 0.3336

Deuteranomaly

12.8096, 0.2898, 0.3153

Tritanomaly

13.1537, 0.2533, 0.3193

Monochromacy



Original Color

13.1531, 0.2585, 0.3387

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.8090, 0.2887, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1531, 0.2585, 0.3387 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(60, 110, 106)` looks like.

```
.text, #text, p{  
  color:rgb(60, 110, 106)  
}
```

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(60, 110, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 110, 106) }
```

Border

The CSS property to change the border of an element to Yxy 13.1531, 0.2585, 0.3387 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(60, 110, 106) }
```

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

```
.border{ border-color:rgb(60, 110, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 110, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 110, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 110, 106);  
box-shadow:4px 4px 4px 4px rgb(60, 110,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1531, 0.2585, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 110, 106) }
```

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

```
.background{ background-color: rgb(60, 110,  
106) }
```

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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