

Converting Colors

$Yxy(24.0567, 0.2587, 0.3645)$

Have a look what the booklet for
Yxy(24.0567, 0.2587, 0.3645)
contains.

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Color

$\text{Yxy}(24.0567, 0.2587, 0.3645)$

Conversions

Conversions Part 1

Format	Color
Hex	459482
RGB	69, 148, 130
RGB Percent	27%, 58%, 51%
CMY	0.7294, 0.4196, 0.4901
CMYK	0.53, 0.00, 0.12, 0.42
HSL	166°, 36%, 43%
HSV	166°, 53%, 58%
XYZ	17.0740, 24.0567, 24.8685
YIQ	122.3270, -41.3060, -22.3460

Conversions

Conversions Part 2

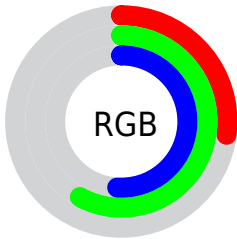
Format	Color
R_{YB}	69, 114, 148
Decimal	4560002
CIE _{Lab}	56.14, -28.85, 2.13
CIE _{LCh}	56, 28.926, 175.769
Yxy	24.0567, 0.2587, 0.3645
Android (android.graphics.Color)	4282750082 (0xFF459482)
YUV	122.3270, 3.7828, -46.7678
Hunter-Lab	49.0476, -23.6957, 4.2717

Details

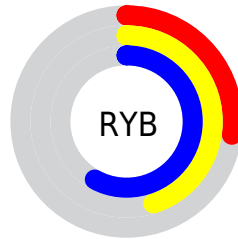
The Yxy color **24.0567, 0.2587, 0.3645** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.2397, 0.4267, 0.2986**, and the grayscale version is **19.5726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8709, 0.2700, 0.3559**, and **9.1435, 0.2385, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **23.4933, 0.2525, 0.3725**, and if you desaturate by 10%, it is **24.7600, 0.2665, 0.3569**.

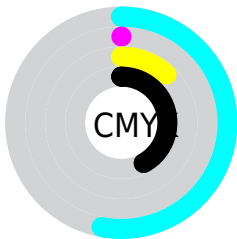
Distribution



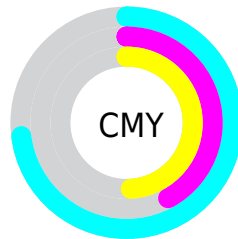
- Red (27%)
- Green (58%)
- Blue (51%)



- Red (27%)
- Yellow (45%)
- Blue (58%)



- Cyan (53%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)





- Cyan (73%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0567, 0.2587, 0.3645 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 24.0567, 0.2587, 0.3645 by changing the saturation by 10% instead.


 24.0567, 0.2587,
0.3645


 24.0567, 0.2587,
0.3645


273.1070, 0.2887,
0.3446

 15.3757, 0.2501,
0.3703


 50.1227, 0.2704,
0.3567


 9.0835, 0.2382,
0.3784


 68.2765, 0.2745,
0.3539

 4.7957, 0.2209,
0.3904

 90.3567, 0.2779,
0.3517

 2.1279, 0.1934,
0.4099

 116.7476, 0.2808,
0.3498

 0.6802, 0.0000,
0.5349

 147.8337, 0.2832,
0.3482

 0.0000, 0.0000,
0.0000

183.9994, 0.2853,

0.3469

225.6290, 0.2871,
0.3457

■ 24.0567, 0.2587,
0.3645

■ 24.0567, 0.2587,
0.3645

■ 23.4933, 0.2525,
0.3725

■ 24.7600, 0.2665,
0.3569

■ 23.0566, 0.2482,
0.3806

■ 25.6095, 0.2756,
0.3496

■ 22.7359, 0.2457,
0.3888

■ 26.6146, 0.2859,
0.3428

■ 22.5172, 0.2450,
0.3970

■ 27.7831, 0.2970,
0.3365

■ 22.4024, 0.2451,
0.4024

■ 29.1221, 0.3087,
0.3308

■ 30.6385, 0.3207,
0.3256

■ 32.3387, 0.3329,
0.3210

■ 34.2288, 0.3450,
0.3169

■ 36.3146, 0.3569,
0.3132

Harmonies

Analogous

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



24.0567, 0.3036, 0.4061



24.0567, 0.2587, 0.3645



24.0567, 0.2296, 0.3140

Triad

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



24.0567, 0.2587, 0.3645



24.0567, 0.2679, 0.2502



24.0567, 0.4131, 0.3729

Complementary

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



24.0567, 0.2587, 0.3645



11.2397, 0.4267, 0.2986

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.



24.0567, 0.4032, 0.3333



24.0567, 0.2587, 0.3645



24.0567, 0.3156, 0.2659

Square

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



24.0567, 0.2587, 0.3645



24.0567, 0.2347, 0.2521



24.0567, 0.3663, 0.2953



24.0567, 0.3938, 0.4059

Rectangle

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



24.0567, 0.2587, 0.3645



24.0567, 0.2217, 0.2852



24.0567, 0.3663, 0.2953



24.0567, 0.4132, 0.3600

Sweetspot

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



24.0577, 0.2587, 0.3645



48.3841, 0.2937, 0.3383



23.6571, 0.3213, 0.4861



10.9565, 0.2916, 0.3395



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.0577, 0.2587, 0.3645



41.2887, 0.2516, 0.3740



18.5649, 0.2376, 0.2868



6.5399, 0.3018, 0.3341



19.1390, 0.2450, 0.4019



0.2387, 0.2343, 0.3634

Inverse Universe

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



11.2397, 0.4267, 0.2986



16.2043, 0.4691, 0.2945



14.0490, 0.4408, 0.3654



5.8357, 0.3249, 0.3240



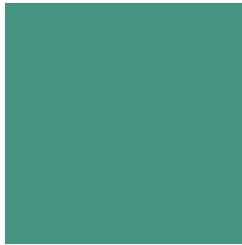
5.4785, 0.5943, 0.3048



0.0709, 0.4939, 0.2494

Previews

White Background



This preview shows how the Yxy color 24.0567, 0.2587, 0.3645 looks on a white 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

Black Background



This preview shows how the Yxy color 24.0567, 0.2587, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

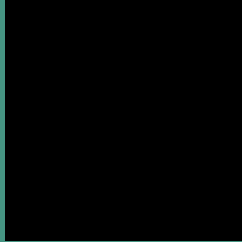
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0567, 0.2587, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 24.0567, 0.2587, 0.3645.

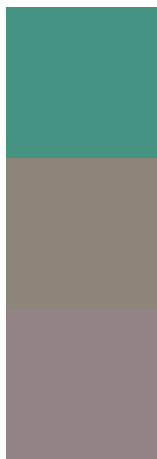


This preview shows how white text looks on a background with the Yxy color 24.0567, 0.2587, 0.3645.

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

24.0567, 0.2587, 0.3645

Protanopia

23.6692, 0.3315, 0.3480

Deuteranopia

23.8895, 0.3282, 0.3224



Tritanopia

23.9246, 0.2440, 0.3066

Trichromacy



Original Color

24.0567, 0.2587, 0.3645

Protanomaly

23.2350, 0.2998, 0.3531

Deuteranomaly

23.5067, 0.2973, 0.3362

Tritanomaly

23.8132, 0.2486, 0.3250

Monochromacy



Original Color

24.0567, 0.2587, 0.3645

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.5968, 0.2879, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0567, 0.2587, 0.3645 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(69, 148, 130)` looks like.

```
.text, #text, p{  
  color:rgb(69, 148, 130)  
}
```

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(69, 148, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 148, 130) }
```

Border

The CSS property to change the border of an element to Yxy 24.0567, 0.2587, 0.3645 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(69, 148, 130) }
```

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

```
.border{ border-color:rgb(69, 148, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 148, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 148, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 148, 130);  
box-shadow:4px 4px 4px 4px rgb(69, 148,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0567, 0.2587, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 148, 130) }
```

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

```
.background{ background-color: rgb(69, 148,  
130) }
```

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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