

Converting Colors

$Yxy(25.6087, 0.2285, 0.3352)$

Have a look what the booklet for
Yxy(25.6087, 0.2285, 0.3352)
contains.

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Color

Yxy(25.4742, 0.2284, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	129A97
RGB	18, 154, 151
RGB Percent	7%, 60%, 59%
CMY	0.9296, 0.3961, 0.4079
CMYK	0.88, 0.00, 0.02, 0.40
HSL	179°, 79%, 34%
HSV	179°, 88%, 60%
XYZ	17.3888, 25.4742, 33.2702
YIQ	112.9940, -80.0930, -29.7650

Conversions

Conversions Part 2

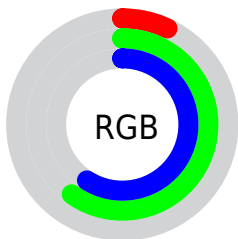
Format	Color
RYB	18, 87, 154
Decimal	1219223
CIELab	57.53, -33.11, -7.92
CIElCh	58, 34.050, 193.459
Yxy	25.4742, 0.2284, 0.3346
Android (android.graphics.Color)	4279409303 (0xFF129A97)
YUV	112.9940, 18.7370, -83.3097
Hunter-Lab	50.4720, -26.8283, -3.7526

Details

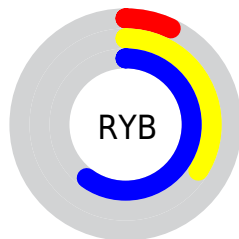
The Yxy color **25.4742, 0.2284, 0.3346** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.3558, 0.6095, 0.3278**, and the grayscale version is **16.4689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4416, 0.2457, 0.3344**, and **10.4228, 0.2262, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **25.3524, 0.2268, 0.3353**, and if you desaturate by 10%, it is **25.6874, 0.2315, 0.3339**.

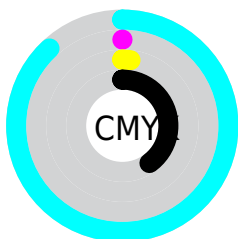
Distribution



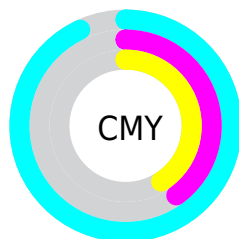
- Red (7%)
- Green (60%)
- Blue (59%)



- Red (7%)
- Yellow (34%)
- Blue (60%)



- Cyan (88%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (93%)
- Magenta (40%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4742, 0.2284, 0.3346 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 25.4742, 0.2284, 0.3346 by changing the saturation by 10% instead.


 25.4742, 0.2284,
0.3346


 25.4742, 0.2284,
0.3346


 280.1913, 0.2737,
0.3327


 16.4307, 0.2161,
0.3346


 52.4255, 0.2456,
0.3342

 9.8294, 0.1996,
0.3343


 71.1020, 0.2519,
0.3339


 5.2860, 0.1768,
0.3331

 93.7584, 0.2570,
0.3337

 2.4160, 0.1434,
0.3294

 120.7790, 0.2614,
0.3335

 0.8341, 0.0000,
0.3494

 152.5482, 0.2652,
0.3332

 0.0000, 0.0000,
0.0000

 189.4504, 0.2684,

0.3330

231.8700, 0.2712,
0.3328

■ 25.4742, 0.2284,
0.3346

■ 25.4742, 0.2284,
0.3346

■ 25.3524, 0.2268,
0.3353

■ 25.6874, 0.2315,
0.3339

■ 25.3340, 0.2265,
0.3354

■ 26.0162, 0.2363,
0.3332

■ 26.4757, 0.2430,
0.3325

■ 27.0780, 0.2515,
0.3318

■ 27.8336, 0.2617,
0.3312

■ 28.7523, 0.2734,
0.3305

■ 29.8429, 0.2864,
0.3300

■ 31.1137, 0.3004,
0.3294

■ 32.5723, 0.3152,
0.3289

Harmonies

Analogous

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



25.4742, 0.2697, 0.3931



25.4742, 0.2284, 0.3346



25.4742, 0.2095, 0.2812

Triad

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



25.4742, 0.2284, 0.3346



25.4742, 0.2917, 0.2478



25.4742, 0.4185, 0.4022

Complementary

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



25.4742, 0.2284, 0.3346



7.3558, 0.6095, 0.3278

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.



25.4742, 0.4282, 0.3596



25.4742, 0.2284, 0.3346



25.4742, 0.3510, 0.2752

Square

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



25.4742, 0.2284, 0.3346



25.4742, 0.2433, 0.2377



25.4742, 0.4030, 0.3147



25.4742, 0.3797, 0.4310

Rectangle

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



25.4742, 0.2284, 0.3346



25.4742, 0.2104, 0.2566



25.4742, 0.4030, 0.3147



25.4742, 0.4254, 0.3889

Sweetspot

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



25.4752, 0.2284, 0.3346



52.3733, 0.2744, 0.3305



23.3329, 0.3018, 0.5865



11.7261, 0.2705, 0.3307



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.



25.4752, 0.2284, 0.3346



46.0133, 0.2265, 0.3355



9.8610, 0.1895, 0.1911



7.0242, 0.2992, 0.3295



20.6392, 0.2265, 0.3354



0.3092, 0.2256, 0.3322

Inverse Universe

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



7.3558, 0.6095, 0.3278



12.4898, 0.6380, 0.3288



12.8654, 0.5216, 0.4089



6.2248, 0.3280, 0.3285



5.6040, 0.6368, 0.3282



0.0843, 0.6209, 0.3194

Previews

White Background



This preview shows how the Yxy color 25.4742, 0.2284, 0.3346 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 25.4742, 0.2284, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

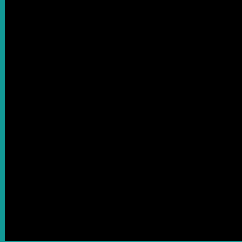
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4742, 0.2284, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 25.4742, 0.2284, 0.3346.

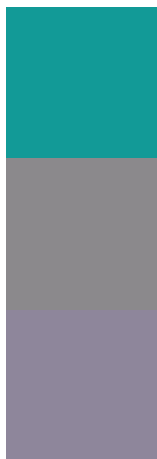


This preview shows how white text looks on a background with the Yxy color 25.4742, 0.2284, 0.3346.

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

25.4742, 0.2284, 0.3346

Protanopia

25.2737, 0.3119, 0.3240

Deuteranopia

25.1675, 0.3001, 0.2951



Tritanopia

25.4941, 0.2239, 0.3065

Trichromacy



Original Color

25.4742, 0.2284, 0.3346



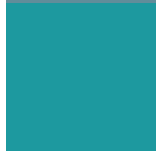
Protanomaly

24.0914, 0.2657, 0.3270



Deuteranomaly

23.9242, 0.2590, 0.3054



Tritanomaly

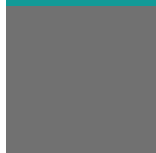
25.5469, 0.2256, 0.3174

Monochromacy



Original Color

25.4742, 0.2284, 0.3346



Achromatopsia

16.5132, 0.3127, 0.3290



Achromatomaly

18.5904, 0.2615, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4742, 0.2284, 0.3346 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(18, 154, 151)` looks like.

```
.text, #text, p{  
  color:rgb(18, 154, 151)  
}
```

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(18, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 154, 151) }
```

Border

The CSS property to change the border of an element to Yxy 25.4742, 0.2284, 0.3346 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(18, 154, 151) }
```

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

```
.border{ border-color:rgb(18, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(18, 154,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4742, 0.2284, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 154, 151) }
```

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

```
.background{ background-color: rgb(18, 154,  
151) }
```

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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