

Converting Colors

$Yxy(18.0937, 0.2747, 0.3364)$

Have a look what the booklet for
Yxy(18.0937, 0.2747, 0.3364)
contains.

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Color

Yxy(18.0739, 0.2746, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	577D79
RGB	87, 125, 121
RGB Percent	34%, 49%, 47%
CMY	0.6588, 0.5098, 0.5256
CMYK	0.30, 0.00, 0.03, 0.51
HSL	174°, 18%, 42%
HSV	174°, 30%, 49%
XYZ	14.7142, 18.0739, 20.7960
YIQ	113.1820, -21.3640, -9.3000

Conversions

Conversions Part 2

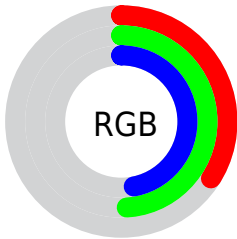
Format	Color
R_{YB}	87, 107, 125
Decimal	5733753
CIE _{Lab}	49.59, -14.22, -2.10
CIE _{LCh}	50, 14.377, 188.397
Yxy	18.0739, 0.2746, 0.3373
Android (android.graphics.Color)	4283923833 (0xFF577D79)
YUV	113.1820, 3.8543, -22.9616
Hunter-Lab	42.5134, -12.6184, 0.7569

Details

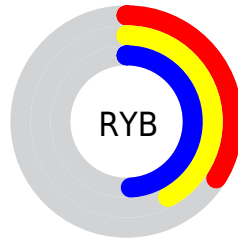
The Yxy color **18.0739, 0.2746, 0.3373** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.9324, 0.3701, 0.3210**, and the grayscale version is **16.5634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2612, 0.2835, 0.3363**, and **6.0813, 0.2578, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **17.4919, 0.2640, 0.3404**, and if you desaturate by 10%, it is **18.7620, 0.2863, 0.3344**.

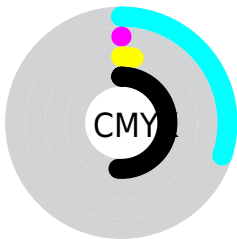
Distribution



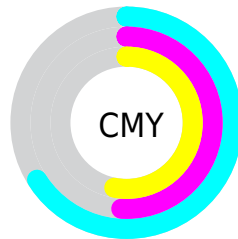
- Red (34%)
- Green (49%)
- Blue (47%)



- Red (34%)
- Yellow (42%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (51%)



- Cyan (66%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0739, 0.2746, 0.3373 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 18.0739, 0.2746, 0.3373 by changing the saturation by 10% instead.

■ 18.0739, 0.2746,
0.3373

■ 18.0739, 0.2746,
0.3373

■ 241.2873, 0.2965,
0.3327

■ 11.0031, 0.2679,
0.3386

■ 40.1632, 0.2834,
0.3355

■ 6.0689, 0.2583,
0.3405

■ 55.9505, 0.2864,
0.3349

■ 2.8870, 0.2436,
0.3431

■ 75.4120, 0.2889,
0.3343

■ 1.0730, 0.2149,
0.3486

■ 98.9321, 0.2909,
0.3339

■ 0.0000, 0.0000,
0.0000

■ 126.8954, 0.2927,
0.3335

159.6860, 0.2941,

0.3332

197.6885, 0.2954,
0.3329

■ 18.0739, 0.2746,
0.3373

■ 18.0739, 0.2746,
0.3373

■ 17.4919, 0.2640,
0.3404

■ 18.7620, 0.2863,
0.3344

■ 17.0085, 0.2549,
0.3437

■ 19.5590, 0.2989,
0.3316

■ 16.6184, 0.2473,
0.3471


■ 20.4703, 0.3122,
0.3291

■ 16.3154, 0.2414,
0.3506

■ 21.5003, 0.3258,
0.3268

■ 16.0920, 0.2373,
0.3541

■ 22.6532, 0.3396,
0.3248

 15.9397, 0.2349,
0.3576

 23.9329, 0.3534,
0.3230

 15.8332, 0.2336,
0.3610

 25.3432, 0.3671,
0.3214

 26.8877, 0.3804,
0.3200

 28.5700, 0.3933,
0.3188

Harmonies

Analogous

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



18.0739, 0.2973, 0.3617



18.0739, 0.2746, 0.3373



18.0739, 0.2622, 0.3116

Triad

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



18.0739, 0.2746, 0.3373



18.0739, 0.2989, 0.2864



18.0739, 0.3652, 0.3634

Complementary

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



18.0739, 0.2746, 0.3373



11.9324, 0.3701, 0.3210

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.



18.0739, 0.3661, 0.3425



18.0739, 0.2746, 0.3373



18.0739, 0.3268, 0.2993

Square

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



18.0739, 0.2746, 0.3373



18.0739, 0.2757, 0.2837



18.0739, 0.3518, 0.3194



18.0739, 0.3498, 0.3764

Rectangle

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



18.0739, 0.2746, 0.3373



18.0739, 0.2610, 0.2977



18.0739, 0.3518, 0.3194



18.0739, 0.3673, 0.3571

Sweetspot

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



18.0746, 0.2746, 0.3373



35.2053, 0.3005, 0.3313



17.6028, 0.3139, 0.4120



7.9651, 0.2989, 0.3316



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



18.0746, 0.2746, 0.3373



31.6691, 0.2676, 0.3393



14.7532, 0.2675, 0.2977



4.8793, 0.3006, 0.3313



16.5232, 0.2336, 0.3611



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.9324, 0.3701, 0.3210



18.9391, 0.3876, 0.3193



14.4665, 0.3687, 0.3583



4.3511, 0.3263, 0.3267



4.5809, 0.6227, 0.3204



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.0739, 0.2746, 0.3373 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 18.0739, 0.2746, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

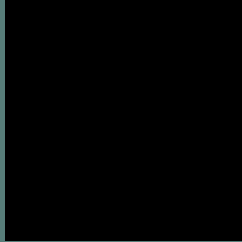
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

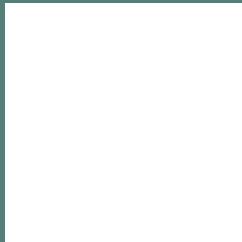
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.0739, 0.2746, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 18.0739, 0.2746, 0.3373.



This preview shows how white text looks on a background with the Yxy color 18.0739, 0.2746, 0.3373.

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

18.0739, 0.2746, 0.3373

Protanopia

17.9766, 0.3177, 0.3309

Deuteranopia

17.9003, 0.3174, 0.3122



Tritanopia

18.0330, 0.2659, 0.3087

Trichromacy



Original Color

18.0739, 0.2746, 0.3373

Protanomaly

17.9291, 0.3003, 0.3330

Deuteranomaly

17.8068, 0.3007, 0.3211

Tritanomaly

18.1241, 0.2688, 0.3187

Monochromacy



Original Color

18.0739, 0.2746, 0.3373

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.9266, 0.2977, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0739, 0.2746, 0.3373 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(87, 125, 121)` looks like.

```
.text, #text, p{  
    color:rgb(87, 125, 121)  
}
```

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(87, 125, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 125, 121) }
```

Border

The CSS property to change the border of an element to Yxy 18.0739, 0.2746, 0.3373 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(87, 125, 121) }
```

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

```
.border{ border-color:rgb(87, 125, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 125, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 125, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 125, 121);  
box-shadow:4px 4px 4px 4px rgb(87, 125,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0739, 0.2746, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 125, 121) }
```

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

```
.background{ background-color: rgb(87, 125,  
121) }
```

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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