

Converting Colors

$Yxy(36.1554, 0.2789, 0.3507)$

Have a look what the booklet for
Yxy(36.1554, 0.2789, 0.3507)
contains.

| | |
|---|----|
| Yxy(36.3123, 0.2786, 0.3511) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(36.3123, 0.2786, 0.3511)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 77AD9F |
| RGB | 119, 173, 159 |
| RGB Percent | 47%, 68%, 62% |
| CMY | 0.5332, 0.3216, 0.3764 |
| CMYK | 0.31, 0.00, 0.08, 0.32 |
| HSL | 164°, 25%, 57% |
| HSV | 164°, 31%, 68% |
| XYZ | 28.8140, 36.3123, 38.2980 |
| YIQ | 155.2580, -27.6900, -15.8020 |

Conversions

Conversions Part 2

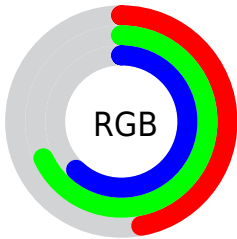
| Format | Color |
|-------------------------------------|--|
| RYB | 119, 150, 173 |
| Decimal | 7843231 |
| CIELab | 66.76, -20.83, 1.51 |
| CIElCh | 67, 20.883, 175.861 |
| Yxy | 36.3123, 0.2786, 0.3511 |
| Android (android.graphics.Color) | 4286033311 (0xFF77AD9F) |
| YUV | 155.2580, 1.8448, -31.7983 |
| Hunter-Lab | 60.2597, -20.1021, 4.5000 |

Details

The Yxy color **36.3123, 0.2786, 0.3511** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7803, 0.3638, 0.3082**, and the grayscale version is **32.9038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7779, 0.2852, 0.3468**, and **15.7446, 0.2674, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **35.0458, 0.2694, 0.3594**, and if you desaturate by 10%, it is **37.8102, 0.2888, 0.3433**.

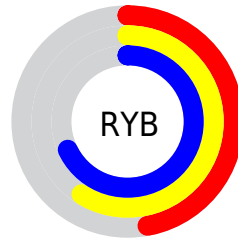
Distribution



Red (47%)

Green (68%)

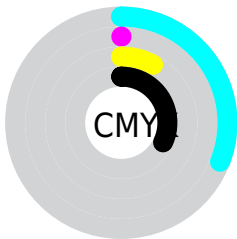
Blue (62%)



Red (47%)

Yellow (59%)

Blue (68%)

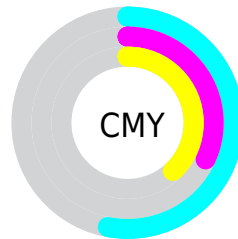


Cyan (31%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (53%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3123, 0.2786, 0.3511 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 36.3123, 0.2786, 0.3511 by changing the saturation by 10% instead.


 36.3123, 0.2786,
0.3511


 36.3123, 0.2786,
0.3511


330.3235, 0.2964,
0.3395

 24.6755, 0.2739,
0.3542


 69.5138, 0.2852,
0.3468

 15.8354, 0.2678,
0.3583


 91.8473, 0.2877,
0.3452

 9.4078, 0.2593,
0.3639


 118.5152, 0.2897,
0.3438

 5.0081, 0.2469,
0.3722

149.9018, 0.2914,
0.3427

 2.2520, 0.2271,
0.3857

186.3915, 0.2929,
0.3417

 0.7481, 0.1221,
0.4507


228.3688, 0.2942,


 0.0000, 0.0000,


0.3409

0.0000

276.2180, 0.2954,
0.3402

 36.3123, 0.2786,
0.3511


 36.3123, 0.2786,
0.3511


 35.0458, 0.2694,
0.3594

 37.8102, 0.2888,
0.3433

 33.9942, 0.2616,
0.3683


 39.5463, 0.2998,
0.3362


 33.1456, 0.2554,
0.3775

 41.5325, 0.3113,
0.3297

 32.4852, 0.2509,
0.3870


 43.7788, 0.3231,
0.3239


 31.9961, 0.2484,
0.3966


 46.2945, 0.3349,
0.3187


 31.6584, 0.2478,
0.4062

 49.0884, 0.3466,
0.3141

 31.4486, 0.2485,
0.4146

 52.1690, 0.3581,
0.3100

 55.0797, 0.3672,
0.3063

 55.2853, 0.3631,
0.3017

Harmonies

Analogous

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



36.3123, 0.3078, 0.3758



36.3123, 0.2786, 0.3511



36.3123, 0.2591, 0.3206

Triad

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



36.3123, 0.2786, 0.3511



36.3123, 0.2845, 0.2775



36.3123, 0.3758, 0.3589

Complementary

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



36.3123, 0.2786, 0.3511



23.7803, 0.3638, 0.3082

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.



36.3123, 0.3693, 0.3331



36.3123, 0.2786, 0.3511



36.3123, 0.3152, 0.2878

Square

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



36.3123, 0.2786, 0.3511



36.3123, 0.2624, 0.2796



36.3123, 0.3467, 0.3076



36.3123, 0.3645, 0.3787

Rectangle

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



36.3123, 0.2786, 0.3511



36.3123, 0.2536, 0.3023



36.3123, 0.3467, 0.3076



36.3123, 0.3757, 0.3506

Sweetspot

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



36.3138, 0.2786, 0.3511



71.5161, 0.3021, 0.3348



36.2395, 0.3211, 0.4154



15.4379, 0.3005, 0.3358



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.3138, 0.2786, 0.3511



63.5285, 0.2725, 0.3564



32.2239, 0.2665, 0.3089



9.0361, 0.3020, 0.3349



23.1147, 0.2482, 0.4135



0.6513, 0.2402, 0.3848

Inverse Universe

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



23.7803, 0.3638, 0.3082



37.7111, 0.3789, 0.3038



26.6183, 0.3762, 0.3481



8.0481, 0.3247, 0.3231



6.6731, 0.5863, 0.3003



0.1946, 0.5014, 0.2536

Previews

White Background



This preview shows how the Yxy color 36.3123, 0.2786, 0.3511 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 36.3123, 0.2786, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

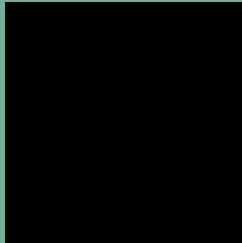
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3123, 0.2786, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 36.3123, 0.2786, 0.3511.



This preview shows how white text looks on a background with the Yxy color 36.3123, 0.2786, 0.3511.

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

36.3123, 0.2786, 0.3511

Protanopia

35.9722, 0.3266, 0.3421

Deuteranopia

36.0697, 0.3278, 0.3221



Tritanopia

36.0799, 0.2648, 0.3077

Trichromacy



Original Color

36.3123, 0.2786, 0.3511

Protanomaly

35.7609, 0.3074, 0.3441

Deuteranomaly

35.8355, 0.3079, 0.3319

Tritanomaly

35.9430, 0.2697, 0.3227

Monochromacy



Original Color

36.3123, 0.2786, 0.3511

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.9917, 0.2993, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3123, 0.2786, 0.3511 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(119, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(119, 173, 159)  
}
```

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(119, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 173, 159) }
```

Border

The CSS property to change the border of an element to Yxy 36.3123, 0.2786, 0.3511 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(119, 173, 159) }
```

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

```
.border{ border-color:rgb(119, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(119, 173,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3123, 0.2786, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 173, 159) }
```

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

```
.background{ background-color: rgb(119,  
173, 159) }
```

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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