

Converting Colors

$Yxy(36.0564, 0.2736, 0.3390)$

Have a look what the booklet for
Yxy(36.0564, 0.2736, 0.3390)
contains.

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Color

Yxy(36.1436, 0.2742, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	77ACA5
RGB	119, 172, 165
RGB Percent	47%, 67%, 65%
CMY	0.5331, 0.3255, 0.3530
CMYK	0.31, 0.00, 0.04, 0.33
HSL	172°, 24%, 57%
HSV	172°, 31%, 67%
XYZ	29.1573, 36.1436, 41.0351
YIQ	155.3550, -29.3410, -13.4130

Conversions

Conversions Part 2

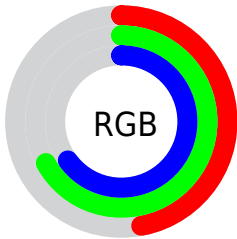
Format	Color
RYB	119, 147, 172
Decimal	7842981
CIELab	66.63, -18.95, -2.00
CIElCh	67, 19.052, 186.026
Yxy	36.1436, 0.2742, 0.3399
Android (android.graphics.Color)	4286033061 (0xFF77ACA5)
YUV	155.3550, 4.7550, -31.8833
Hunter-Lab	60.1195, -18.6387, 1.6148

Details

The Yxy color **36.1436, 0.2742, 0.3399** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.4854, 0.3715, 0.3186**, and the grayscale version is **32.9379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5383, 0.2817, 0.3384**, and **15.8541, 0.2627, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **34.9535, 0.2638, 0.3440**, and if you desaturate by 10%, it is **37.5584, 0.2858, 0.3361**.

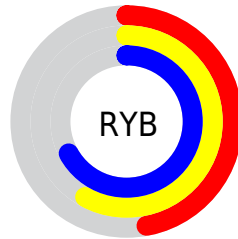
Distribution



Red (47%)

Green (67%)

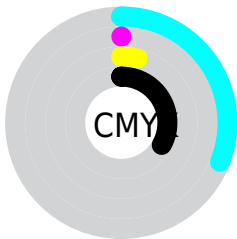
Blue (65%)



Red (47%)

Yellow (58%)

Blue (67%)

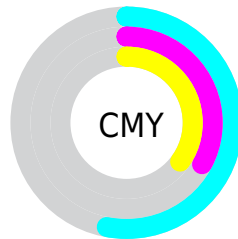


Cyan (31%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (53%)


Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1436, 0.2742, 0.3399 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 36.1436, 0.2742, 0.3399 by changing the saturation by 10% instead.


 36.1436, 0.2742,
0.3399


 36.1436, 0.2742,
0.3399

329.5878, 0.2942,
0.3344

 24.5451, 0.2690,
0.3413


 69.2537, 0.2816,
0.3379

 15.7385, 0.2622,
0.3431


 91.5340, 0.2844,
0.3371

 9.3393, 0.2528,
0.3455


 118.1438, 0.2866,
0.3365

 4.9631, 0.2393,
0.3489

149.4674, 0.2886,
0.3359

 2.2257, 0.2180,
0.3540

185.8892, 0.2903,
0.3355

 0.7339, 0.1232,
0.3847

227.7936, 0.2917,

 0.0000, 0.0000,

0.3351

0.0000

275.5650, 0.2930,
0.3347

■ 36.1436, 0.2742,
0.3399

■ 36.1436, 0.2742,
0.3399

■ 34.9535, 0.2638,
0.3440

■ 37.5584, 0.2858,
0.3361

■ 33.9717, 0.2548,
0.3483

■ 39.2044, 0.2984,
0.3325

■ 33.1868, 0.2475,
0.3528

■ 41.0934, 0.3117,
0.3292


■ 32.5843, 0.2420,
0.3573


■ 43.2351, 0.3253,
0.3263


■ 32.1476, 0.2385,
0.3619


■ 45.6385, 0.3391,
0.3237

 31.8574, 0.2367,
0.3665

 48.3123, 0.3529,
0.3213

 31.6807, 0.2363,
0.3707

 51.2648, 0.3664,
0.3193

 54.1889, 0.3782,
0.3174

 54.2845, 0.3761,
0.3151

Harmonies

Analogous

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



36.1436, 0.2986, 0.3651



36.1436, 0.2742, 0.3399



36.1436, 0.2602, 0.3126

Triad

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



36.1436, 0.2742, 0.3399



36.1436, 0.2959, 0.2837



36.1436, 0.3686, 0.3636

Complementary

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



36.1436, 0.2742, 0.3399



23.4854, 0.3715, 0.3186

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.



36.1436, 0.3682, 0.3412



36.1436, 0.2742, 0.3399



36.1436, 0.3252, 0.2965

Square

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



36.1436, 0.2742, 0.3399



36.1436, 0.2723, 0.2817



36.1436, 0.3521, 0.3171



36.1436, 0.3534, 0.3782

Rectangle

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



36.1436, 0.2742, 0.3399



36.1436, 0.2582, 0.2976



36.1436, 0.3521, 0.3171



36.1436, 0.3703, 0.3567

Sweetspot

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



36.1451, 0.2742, 0.3399



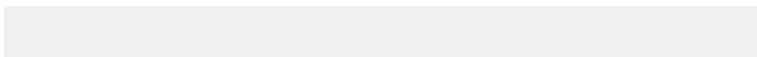
71.6523, 0.3005, 0.3320



35.2803, 0.3147, 0.4157



15.4720, 0.2987, 0.3324



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.



36.1451, 0.2742, 0.3399



64.0478, 0.2669, 0.3427



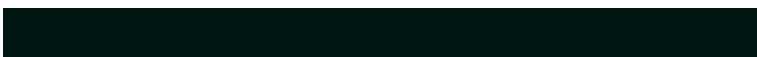
29.5509, 0.2658, 0.2977



9.0536, 0.3003, 0.3320



23.5835, 0.2362, 0.3702



0.6610, 0.2323, 0.3564

Inverse Universe

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



23.4854, 0.3715, 0.3186



37.3493, 0.3906, 0.3162



28.4148, 0.3719, 0.3582



8.0319, 0.3266, 0.3260



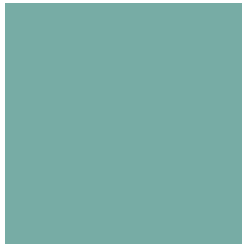
6.5769, 0.6202, 0.3190



0.1882, 0.5580, 0.2847

Previews

White Background



This preview shows how the Yxy color 36.1436, 0.2742, 0.3399 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 36.1436, 0.2742, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

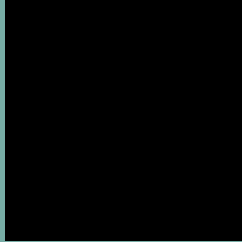
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1436, 0.2742, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 36.1436, 0.2742, 0.3399.

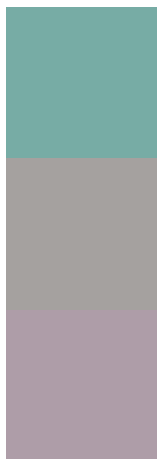


This preview shows how white text looks on a background with the Yxy color 36.1436, 0.2742, 0.3399.

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

36.1436, 0.2742, 0.3399

Protanopia

35.9923, 0.3183, 0.3319

Deuteranopia

35.9398, 0.3193, 0.3137



Tritanopia

36.0058, 0.2641, 0.3077

Trichromacy



Original Color

36.1436, 0.2742, 0.3399

Protanomaly

35.7794, 0.3005, 0.3350

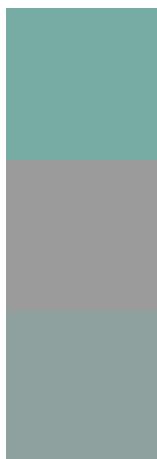
Deuteranomaly

35.5007, 0.3010, 0.3216

Tritanomaly

36.0216, 0.2683, 0.3196

Monochromacy



Original Color

36.1436, 0.2742, 0.3399

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.7437, 0.2968, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1436, 0.2742, 0.3399 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, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(119, 172, 165)  
}
```

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, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 172, 165) }
```

Border

The CSS property to change the border of an element to Yxy 36.1436, 0.2742, 0.3399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

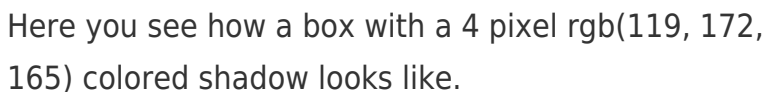
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 172, 165) }
```

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

```
.border{ border-color:rgb(119, 172, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 172, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 172, 165); box-shadow:4px 4px 4px 4px rgb(119, 172, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1436, 0.2742, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 172, 165) }
```

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

```
.background{ background-color: rgb(119,  
172, 165) }
```

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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