

Converting Colors

$Yxy(36.4863, 0.2893, 0.3789)$

Have a look what the booklet for
Yxy(36.4863, 0.2893, 0.3789)
contains.

Yxy(36.5251, 0.2890, 0.3792)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.5251, 0.2890, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	76AF90
RGB	118, 175, 144
RGB Percent	46%, 69%, 56%
CMY	0.5371, 0.3137, 0.4354
CMYK	0.33, 0.00, 0.18, 0.31
HSL	147°, 26%, 57%
HSV	147°, 33%, 69%
XYZ	27.8369, 36.5251, 31.9595
YIQ	154.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

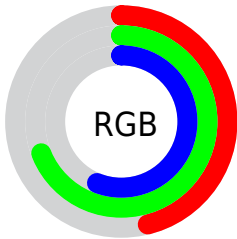
Format	Color
RYB	118, 157, 175
Decimal	7778192
CIELab	66.92, -25.36, 10.05
CIElCh	67, 27.283, 158.389
Yxy	36.5251, 0.2890, 0.3792
Android (android.graphics.Color)	4285968272 (0xFF76AF90)
YUV	154.4230, -5.1385, -31.9430
Hunter-Lab	60.4360, -23.5457, 10.9518

Details

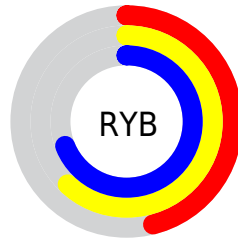
The Yxy color $36.5251, 0.2890, 0.3792$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $24.2499, 0.3464, 0.2839$, and the grayscale version is $32.5442, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.9997, 0.2939, 0.3688$, and $15.9205, 0.2804, 0.3952$ is the 20% darker color. If you saturate the color by 10%, you get $35.1334, 0.2829, 0.3979$, and if you desaturate by 10%, it is $38.1717, 0.2959, 0.3620$.

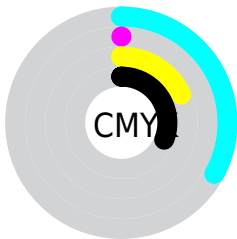
Distribution



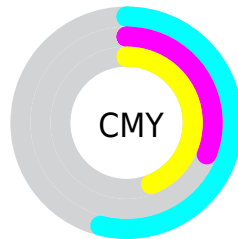
- Red (46%)
- Green (69%)
- Blue (56%)



- Red (46%)
- Yellow (62%)
- Blue (69%)



- Cyan (33%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)





- Cyan (54%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5251, 0.2890, 0.3792 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 36.5251, 0.2890, 0.3792 by changing the saturation by 10% instead.


 36.5251, 0.2890,
0.3792


 36.5251, 0.2890,
0.3792


331.2499, 0.3017,
0.3522

 24.8400, 0.2855,
0.3866


 69.8418, 0.2939,
0.3689

 15.9579, 0.2808,
0.3966


 92.2422, 0.2956,
0.3652

 9.4944, 0.2741,
0.4107


 118.9831, 0.2971,
0.3621

 5.0650, 0.2640,
0.4323

150.4490, 0.2983,
0.3595

 2.2855, 0.2468,
0.4688

187.0242, 0.2994,
0.3573

 0.7660, 0.1082,
0.7611


229.0932, 0.3003,


 0.0000, 0.0000,


0.3554


0.0000


277.0403, 0.3011,
0.3537


 36.5251, 0.2890,
0.3792


 36.5251, 0.2890,
0.3792

 35.1334, 0.2829,
0.3979

 38.1717, 0.2959,
0.3620

 33.9789, 0.2779,
0.4178

 40.0809, 0.3032,
0.3464


 33.0487, 0.2743,
0.4387


 42.2657, 0.3108,
0.3323

 32.3267, 0.2723,
0.4598

 44.7366, 0.3184,
0.3199


 31.7946, 0.2723,
0.4807

 47.5039, 0.3259,
0.3088

 31.4306, 0.2741,
0.5007

 50.5772, 0.3332,
0.2992

 31.2347, 0.2763,
0.5147

 53.9656, 0.3403,
0.2907

 57.0985, 0.3444,
0.2829

 57.6186, 0.3364,
0.2737

Harmonies

Analogous

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



36.5251, 0.3298, 0.4014



36.5251, 0.2890, 0.3792



36.5251, 0.2560, 0.3409

Triad

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



36.5251, 0.2890, 0.3792



36.5251, 0.2578, 0.2623



36.5251, 0.3932, 0.3476

Complementary

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



36.5251, 0.2890, 0.3792



24.2499, 0.3464, 0.2839

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.



36.5251, 0.3715, 0.3142



36.5251, 0.2890, 0.3792



36.5251, 0.2915, 0.2669

Square

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



36.5251, 0.2890, 0.3792



36.5251, 0.2391, 0.2740



36.5251, 0.3333, 0.2855



36.5251, 0.3914, 0.3789

Rectangle

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



36.5251, 0.2890, 0.3792



36.5251, 0.2423, 0.3140



36.5251, 0.3333, 0.2855



36.5251, 0.3884, 0.3363

Sweetspot

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



36.5266, 0.2890, 0.3792



72.6696, 0.3050, 0.3429



38.3925, 0.3363, 0.4156



16.0369, 0.3040, 0.3449



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.5266, 0.2890, 0.3792



63.5964, 0.2846, 0.3924



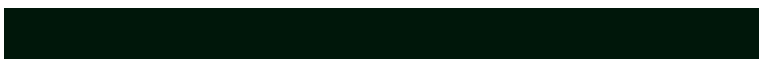
37.4980, 0.2690, 0.3333



8.9978, 0.3056, 0.3416



22.3804, 0.2757, 0.5126



0.6337, 0.2591, 0.4527

Inverse Universe

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



24.2499, 0.3464, 0.2839



38.1984, 0.3566, 0.2738



23.4558, 0.3824, 0.3249



8.0856, 0.3204, 0.3167



7.1349, 0.4741, 0.2385



0.2093, 0.4162, 0.2066

Previews

White Background



This preview shows how the Yxy color 36.5251, 0.2890, 0.3792 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 36.5251, 0.2890, 0.3792 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 36.5251, 0.2890, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 36.5251, 0.2890, 0.3792.



This preview shows how white text looks on a background with the Yxy color 36.5251, 0.2890, 0.3792.

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

36.5251, 0.2890, 0.3792

Protanopia

36.3047, 0.3444, 0.3652

Deuteranopia

35.9823, 0.3476, 0.3402



Tritanopia

36.6040, 0.2664, 0.3093

Trichromacy



Original Color

36.5251, 0.2890, 0.3792

Protanomaly

36.2063, 0.3219, 0.3700

Deuteranomaly

35.6719, 0.3231, 0.3528

Tritanomaly

36.5806, 0.2743, 0.3335

Monochromacy



Original Color

36.5251, 0.2890, 0.3792

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.7054, 0.3034, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5251, 0.2890, 0.3792 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(118, 175, 144)` looks like.

```
.text, #text, p{  
    color:rgb(118, 175, 144)  
}
```

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(118, 175, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 175, 144) }
```

Border

The CSS property to change the border of an element to Yxy 36.5251, 0.2890, 0.3792 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(118, 175, 144) }
```

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

```
.border{ border-color:rgb(118, 175, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 175, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 175, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 175, 144);  
box-shadow:4px 4px 4px 4px rgb(118, 175,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5251, 0.2890, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 175, 144) }
```

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

```
.background{ background-color: rgb(118,  
175, 144) }
```

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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