

Converting Colors

$Yxy(35.7492, 0.2897, 0.3692)$

Have a look what the booklet for
Yxy(35.7492, 0.2897, 0.3692)
contains.

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Color

Yxy(35.7492, 0.2897, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	7AAC93
RGB	122, 172, 147
RGB Percent	48%, 67%, 58%
CMY	0.5213, 0.3255, 0.4235
CMYK	0.29, 0.00, 0.15, 0.33
HSL	150°, 23%, 58%
HSV	150°, 29%, 67%
XYZ	28.0513, 35.7492, 33.0283
YIQ	154.2000, -21.7750, -18.3750

Conversions

Conversions Part 2

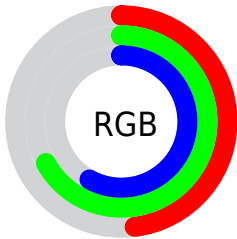
Format	Color
RYB	122, 155, 172
Decimal	8039571
CIELab	66.33, -21.97, 7.56
CIElCh	66, 23.231, 161.000
Yxy	35.7492, 0.2897, 0.3692
Android (android.graphics.Color)	4286229651 (0xFF7AAC93)
YUV	154.2000, -3.5496, -28.2394
Hunter-Lab	59.7906, -20.8887, 9.1017

Details

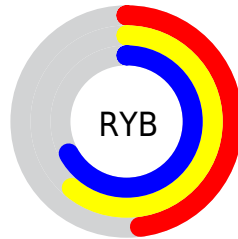
The Yxy color **35.7492, 0.2897, 0.3692** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8108, 0.3444, 0.2921**, and the grayscale version is **32.4361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9340, 0.2946, 0.3614**, and **15.3778, 0.2818, 0.3833** is the 20% darker color. If you saturate the color by 10%, you get **34.3434, 0.2828, 0.3858**, and if you desaturate by 10%, it is **37.4004, 0.2973, 0.3540**.

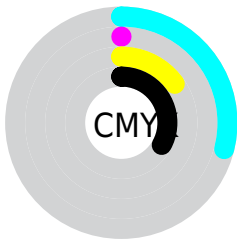
Distribution



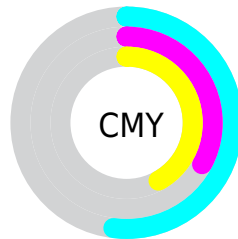
- Red (48%)
- Green (67%)
- Blue (58%)



- Red (48%)
- Yellow (61%)
- Blue (67%)



- Cyan (29%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)




- Cyan (52%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7492, 0.2897, 0.3692 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 35.7492, 0.2897, 0.3692 by changing the saturation by 10% instead.


 35.7492, 0.2897,
0.3692


 35.7492, 0.2897,
0.3692


327.8630, 0.3020,
0.3477


 24.2406, 0.2864,
0.3751

 68.6448, 0.2944,
0.3610

 15.5122, 0.2819,
0.3831


 90.8005, 0.2961,
0.3580

 9.1796, 0.2756,
0.3943

 117.2741, 0.2975,
0.3556

 4.8585, 0.2661,
0.4113

148.4499, 0.2986,
0.3535

 2.1645, 0.2501,
0.4403

184.7122, 0.2997,
0.3517

 0.7005, 0.1218,
0.6583

226.4456, 0.3005,

 0.0000, 0.0000,

0.3502

0.0000

274.0344, 0.3013,
0.3488

■ 35.7492, 0.2897,
0.3692

■ 35.7492, 0.2897,
0.3692

■ 34.3434, 0.2828,
0.3858

■ 37.4004, 0.2973,
0.3540

■ 33.1664, 0.2770,
0.4036

■ 39.3038, 0.3053,
0.3402

■ 32.2065, 0.2724,
0.4224

■ 41.4715, 0.3135,
0.3279

■ 31.4490, 0.2695,
0.4417

■ 43.9134, 0.3217,
0.3169

■ 30.8773, 0.2685,
0.4611

■ 46.6390, 0.3299,
0.3072

■ 30.4722, 0.2694,
0.4801

■ 49.6571, 0.3377,
0.2987

■ 30.1972, 0.2720,
0.4982

■ 52.9764, 0.3453,
0.2912

■ 30.1730, 0.2722,
0.5000

■ 55.7122, 0.3486,
0.2841

■ 56.1687, 0.3412,
0.2757

Harmonies

Analogous

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



35.7492, 0.3247, 0.3897



35.7492, 0.2897, 0.3692



35.7492, 0.2620, 0.3364

Triad

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



35.7492, 0.2897, 0.3692



35.7492, 0.2674, 0.2711



35.7492, 0.3823, 0.3481

Complementary

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



35.7492, 0.2897, 0.3692



24.8108, 0.3444, 0.2921

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.



35.7492, 0.3654, 0.3189



35.7492, 0.2897, 0.3692



35.7492, 0.2977, 0.2761

Square

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



35.7492, 0.2897, 0.3692



35.7492, 0.2497, 0.2803



35.7492, 0.3337, 0.2932



35.7492, 0.3792, 0.3745

Rectangle

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



35.7492, 0.2897, 0.3692



35.7492, 0.2508, 0.3137



35.7492, 0.3337, 0.2932



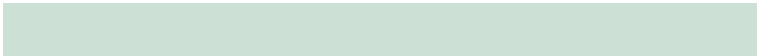
35.7492, 0.3788, 0.3383

Sweetspot

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



35.7507, 0.2897, 0.3692



71.2629, 0.3052, 0.3404



37.1912, 0.3323, 0.4058



15.3749, 0.3040, 0.3422



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.



35.7507, 0.2897, 0.3692



63.1319, 0.2851, 0.3800



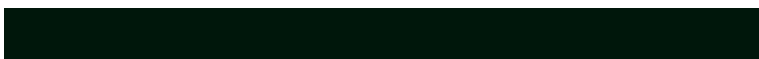
36.5902, 0.2721, 0.3302



9.0036, 0.3051, 0.3406



22.4670, 0.2717, 0.4982



0.6361, 0.2561, 0.4420

Inverse Universe

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



24.8108, 0.3444, 0.2921



39.9353, 0.3541, 0.2834



24.1302, 0.3743, 0.3279



8.0797, 0.3211, 0.3177



7.0386, 0.4924, 0.2486



0.2069, 0.4275, 0.2129

Previews

White Background



This preview shows how the Yxy color 35.7492, 0.2897, 0.3692 looks on a white background.

Color Contrast Check

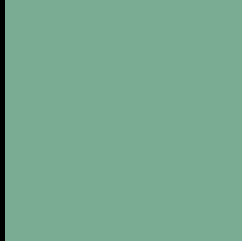
Large Text (above 18pt) WCAG AA × Fail

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 35.7492, 0.2897, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

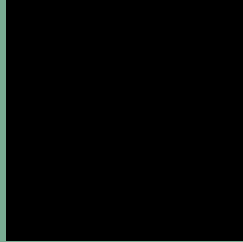
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7492, 0.2897, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 35.7492, 0.2897, 0.3692.



This preview shows how white text looks on a background with the Yxy color 35.7492, 0.2897, 0.3692.

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

35.7492, 0.2897, 0.3692

Protanopia

35.3895, 0.3380, 0.3568

Deuteranopia

35.3804, 0.3418, 0.3347



Tritanopia

35.6408, 0.2695, 0.3078

Trichromacy



Original Color

35.7492, 0.2897, 0.3692

Protanomaly

35.1134, 0.3188, 0.3611

Deuteranomaly

35.0627, 0.3206, 0.3454

Tritanomaly

35.6761, 0.2761, 0.3289

Monochromacy



Original Color

35.7492, 0.2897, 0.3692

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.4749, 0.3035, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7492, 0.2897, 0.3692 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(122, 172, 147)` looks like.

```
.text, #text, p{  
    color:rgb(122, 172, 147)  
}
```

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(122, 172, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 172, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.7492, 0.2897, 0.3692 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(122, 172, 147) }
```

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

```
.border{ border-color:rgb(122, 172, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 172, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 172, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 172, 147);  
box-shadow:4px 4px 4px 4px rgb(122, 172,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7492, 0.2897, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 172, 147) }
```

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

```
.background{ background-color: rgb(122,  
172, 147) }
```

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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