

Converting Colors

$Yxy(34.1212, 0.2802, 0.3680)$

Have a look what the booklet for
Yxy(34.1212, 0.2802, 0.3680)
contains.

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Color

Yxy(34.1710, 0.2801, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	6EAA93
RGB	110, 170, 147
RGB Percent	43%, 67%, 58%
CMY	0.5688, 0.3333, 0.4236
CMYK	0.35, 0.00, 0.14, 0.33
HSL	157°, 26%, 55%
HSV	157°, 35%, 67%
XYZ	26.0656, 34.1710, 32.8217
YIQ	149.4380, -28.3770, -19.8730

Conversions

Conversions Part 2

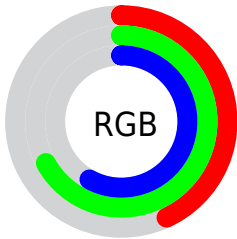
Format	Color
RYB	110, 147, 170
Decimal	7252627
CIELab	65.10, -24.71, 5.72
CIElCh	65, 25.367, 166.959
Yxy	34.1710, 0.2801, 0.3672
Android (android.graphics.Color)	4285442707 (0xFF6EAA93)
YUV	149.4380, -1.2019, -34.5871
Hunter-Lab	58.4560, -22.7045, 7.6292

Details

The Yxy color $34.1710, 0.2801, 0.3672$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.3799, 0.3630, 0.2942$, and the grayscale version is $30.2585, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.5023, 0.2870, 0.3598$, and $14.4969, 0.2697, 0.3805$ is the 20% darker color. If you saturate the color by 10%, you get $32.9863, 0.2727, 0.3802$, and if you desaturate by 10%, it is $35.5792, 0.2886, 0.3551$.

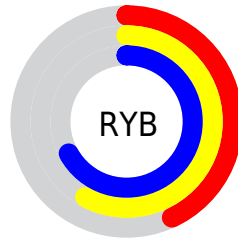
Distribution



Red (43%)

Green (67%)

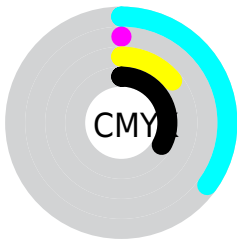
Blue (58%)



Red (43%)

Yellow (58%)

Blue (67%)

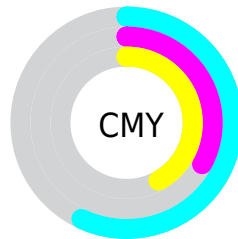


Cyan (35%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (57%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1710, 0.2801, 0.3672 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 34.1710, 0.2801, 0.3672 by changing the saturation by 10% instead.


 34.1710, 0.2801,
0.3672

 34.1710, 0.2801,
0.3672


320.8939, 0.2975,
0.3466

 23.0250, 0.2754,
0.3729

 66.1995, 0.2867,
0.3593

 14.6120, 0.2691,
0.3805


 87.8508, 0.2891,
0.3565

 8.5475, 0.2603,
0.3914


 113.7726, 0.2910,
0.3542

 4.4472, 0.2471,
0.4079

 144.3494, 0.2927,
0.3522

 1.9268, 0.2250,
0.4363

179.9655, 0.2942,
0.3505

 0.5644, 0.0000,
0.7247

221.0054, 0.2954,

 0.0000, 0.0000,

0.3490

0.0000

267.8534, 0.2965,
0.3478

■ 34.1710, 0.2801,
0.3672

■ 34.1710, 0.2801,
0.3672

■ 32.9863, 0.2727,
0.3802

■ 35.5792, 0.2886,
0.3551

■ 32.0089, 0.2665,
0.3940

■ 37.2181, 0.2978,
0.3440

■ 31.2265, 0.2620,
0.4084


■ 39.0994, 0.3075,
0.3339


■ 30.6243, 0.2594,
0.4231


■ 41.2329, 0.3174,
0.3249

■ 30.1849, 0.2587,
0.4378

■ 43.6281, 0.3273,
0.3169


 29.8864, 0.2599,
0.4522

 46.2935, 0.3371,
0.3097

 29.7716, 0.2608,
0.4589

 49.2376, 0.3467,
0.3035

 52.4684, 0.3560,
0.2980

 54.4532, 0.3581,
0.2923

Harmonies

Analogous

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



34.1710, 0.3178, 0.3938



34.1710, 0.2801, 0.3672



34.1710, 0.2522, 0.3293

Triad

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



34.1710, 0.2801, 0.3672



34.1710, 0.2683, 0.2651



34.1710, 0.3911, 0.3559

Complementary

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



34.1710, 0.2801, 0.3672



21.3799, 0.3630, 0.2942

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.



34.1710, 0.3765, 0.3239



34.1710, 0.2801, 0.3672



34.1710, 0.3036, 0.2736

Square

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



34.1710, 0.2801, 0.3672



34.1710, 0.2459, 0.2718



34.1710, 0.3437, 0.2946



34.1710, 0.3830, 0.3838

Rectangle

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



34.1710, 0.2801, 0.3672



34.1710, 0.2422, 0.3049



34.1710, 0.3437, 0.2946



34.1710, 0.3887, 0.3454

Sweetspot

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



34.1724, 0.2801, 0.3672



68.8722, 0.3017, 0.3397



34.8634, 0.3284, 0.4264



15.2611, 0.3005, 0.3411



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.



34.1724, 0.2801, 0.3672



60.3556, 0.2745, 0.3768



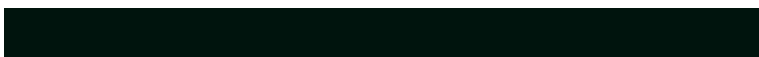
32.4106, 0.2624, 0.3175



8.4826, 0.3036, 0.3378



21.9075, 0.2604, 0.4574



0.5425, 0.2472, 0.4098

Inverse Universe

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



21.3799, 0.3630, 0.2942



33.8146, 0.3784, 0.2868



22.3836, 0.3911, 0.3400



7.5881, 0.3228, 0.3204



6.5788, 0.5403, 0.2750



0.1701, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 34.1710, 0.2801, 0.3672 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 34.1710, 0.2801, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

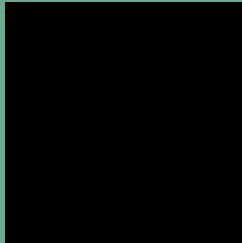
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1710, 0.2801, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 34.1710, 0.2801, 0.3672.



This preview shows how white text looks on a background with the Yxy color 34.1710, 0.2801, 0.3672.

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

34.1710, 0.2801, 0.3672

Protanopia

33.8999, 0.3356, 0.3544

Deuteranopia

33.8048, 0.3372, 0.3305



Tritanopia

33.9468, 0.2617, 0.3071

Trichromacy



Original Color

34.1710, 0.2801, 0.3672

Protanomaly

33.7531, 0.3123, 0.3587

Deuteranomaly

33.5776, 0.3130, 0.3428

Tritanomaly

34.0049, 0.2682, 0.3289

Monochromacy



Original Color

34.1710, 0.2801, 0.3672

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.4030, 0.2996, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1710, 0.2801, 0.3672 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(110, 170, 147)` looks like.

```
.text, #text, p{  
    color:rgb(110, 170, 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(110, 170, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 170, 147) }
```

Border

The CSS property to change the border of an element to Yxy 34.1710, 0.2801, 0.3672 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(110, 170, 147) }
```

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

```
.border{ border-color:rgb(110, 170, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 170, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 170, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 170, 147);  
box-shadow:4px 4px 4px 4px rgb(110, 170,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1710, 0.2801, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 170, 147) }
```

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

```
.background{ background-color: rgb(110,  
170, 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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