

Converting Colors

Yxy(34.8909, 0.2787, 0.3141)

Have a look what the booklet for
Yxy(34.8909, 0.2787, 0.3141)
contains.

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Color

Yxy(34.7578, 0.2790, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	87A4AE
RGB	135, 164, 174
RGB Percent	53%, 64%, 68%
CMY	0.4704, 0.3569, 0.3176
CMYK	0.22, 0.06, 0.00, 0.32
HSL	195°, 19%, 61%
HSV	195°, 22%, 68%
XYZ	30.9131, 34.7578, 45.1286
YIQ	156.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

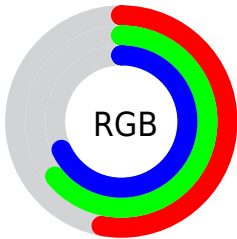
Format	Color
R_{YB}	135, 152, 174
Decimal	8889518
CIE _{Lab}	65.56, -7.70, -8.50
CIE _{LCh}	66, 11.466, 227.822
Yxy	34.7578, 0.2790, 0.3137
Android (android.graphics.Color)	4287079598 (0xFF87A4AE)
YUV	156.4690, 8.6428, -18.8283
Hunter-Lab	58.9557, -9.5773, -4.1155

Details

The Yxy color **34.7578, 0.2790, 0.3137** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.0207, 0.3543, 0.3438**, and the grayscale version is **33.4380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1390, 0.2859, 0.3174**, and **14.8783, 0.2676, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **31.8580, 0.2645, 0.3059**, and if you desaturate by 10%, it is **37.9527, 0.2940, 0.3209**.

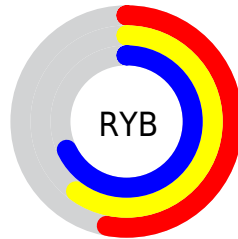
Distribution



Red (53%)

Green (64%)

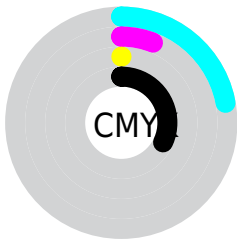
Blue (68%)



Red (53%)

Yellow (60%)

Blue (68%)

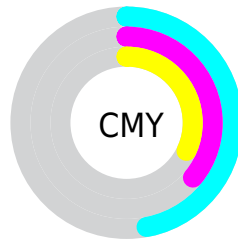


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7578, 0.2790, 0.3137 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 34.7578, 0.2790, 0.3137 by changing the saturation by 10% instead.

■ 34.7578, 0.2790,
0.3137

■ 34.7578, 0.2790,
0.3137

■ 323.4980, 0.2965,
0.3219

■ 23.4764, 0.2744,
0.3115

■ 67.1104, 0.2855,
0.3168

■ 14.9456, 0.2684,
0.3085

■ 88.9503, 0.2879,
0.3180

■ 8.7812, 0.2601,
0.3042

■ 115.0786, 0.2899,
0.3189

■ 4.5988, 0.2482,
0.2979

■ 145.8795, 0.2916,
0.3197

■ 2.0138, 0.2293,
0.2873

■ 181.7375, 0.2931,
0.3204

■ 0.6155, 0.1720,
0.2666

■ 223.0370, 0.2944,

■ 0.0000, 0.0000,

0.3209

0.0000

270.1624, 0.2955,
0.3215

■ 34.7578, 0.2790,
0.3137

■ 34.7578, 0.2790,
0.3137

■ 31.8580, 0.2645,
0.3059

■ 37.9527, 0.2940,
0.3209

■ 29.2371, 0.2508,
0.2975

■ 41.4496, 0.3091,
0.3275

■ 26.8835, 0.2383,
0.2886

■ 45.2607, 0.3242,
0.3335

■ 24.7829, 0.2271,
0.2794

■ 49.3957, 0.3390,
0.3388

■ 22.9197, 0.2177,
0.2700

■ 53.8644, 0.3534,
0.3435

■ 21.2758, 0.2101,
0.2604

■ 58.6758, 0.3673,
0.3477

■ 19.8299, 0.2045,
0.2510

■ 63.4854, 0.3790,
0.3514

■ 18.8284, 0.2011,
0.2438

■ 65.5247, 0.3775,
0.3560

■ 67.6245, 0.3761,
0.3606

Harmonies

Analogous

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



34.7578, 0.2847, 0.3293



34.7578, 0.2790, 0.3137



34.7578, 0.2820, 0.3029

Triad

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



34.7578, 0.2790, 0.3137



34.7578, 0.3273, 0.3135



34.7578, 0.3321, 0.3601

Complementary

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



34.7578, 0.2790, 0.3137



31.0207, 0.3543, 0.3438

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.



34.7578, 0.3442, 0.3547



34.7578, 0.2790, 0.3137



34.7578, 0.3414, 0.3277

Square

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



34.7578, 0.2790, 0.3137



34.7578, 0.3095, 0.3031



34.7578, 0.3477, 0.3428



34.7578, 0.3151, 0.3568

Rectangle

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



34.7578, 0.2790, 0.3137



34.7578, 0.2886, 0.2996



34.7578, 0.3477, 0.3428



34.7578, 0.3369, 0.3593

Sweetspot

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



34.7592, 0.2790, 0.3137



72.1051, 0.3019, 0.3245



37.4685, 0.3022, 0.3745



15.9445, 0.3010, 0.3241



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.



34.7592, 0.2790, 0.3137



60.3007, 0.2716, 0.3098



28.3968, 0.2768, 0.2834



8.7182, 0.2986, 0.3230



13.7538, 0.2014, 0.2449



0.4641, 0.2093, 0.2733

Inverse Universe

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



29.0206, 0.3256, 0.2878



48.1896, 0.3291, 0.2781



37.3977, 0.3486, 0.3708



8.1124, 0.3175, 0.3123



7.6915, 0.3974, 0.1963



0.2222, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 34.7578, 0.2790, 0.3137 looks on a white background.

Color Contrast Check

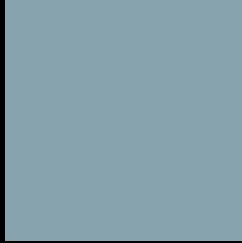
Large Text (above 18pt) WCAG AA × Fail

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 34.7578, 0.2790, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

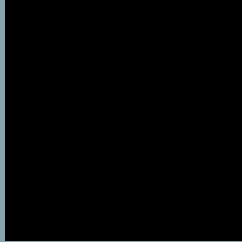
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

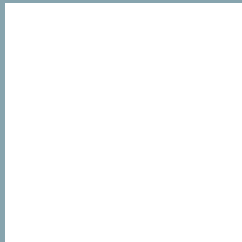
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7578, 0.2790, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 34.7578, 0.2790, 0.3137.

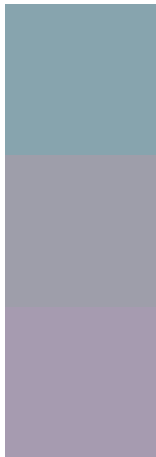


This preview shows how white text looks on a background with the Yxy color 34.7578, 0.2790, 0.3137.

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

34.7578, 0.2790, 0.3137

Protanopia

34.6251, 0.3021, 0.3115

Deuteranopia

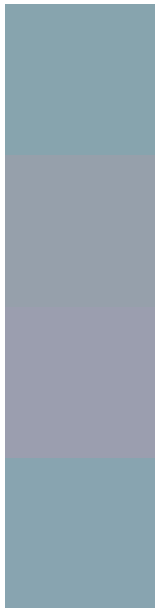
34.6843, 0.3045, 0.2993



Tritanopia

34.9595, 0.2775, 0.3093

Trichromacy



Original Color

34.7578, 0.2790, 0.3137

Protanomaly

34.5659, 0.2940, 0.3127

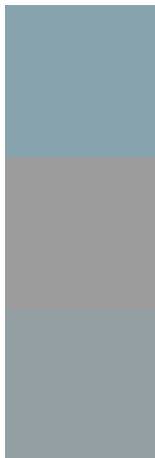
Deuteranomaly

34.5174, 0.2951, 0.3042

Tritanomaly

34.9197, 0.2783, 0.3108

Monochromacy



Original Color

34.7578, 0.2790, 0.3137

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7365, 0.2988, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7578, 0.2790, 0.3137 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(135, 164, 174)` looks like.

```
.text, #text, p{  
    color:rgb(135, 164, 174)  
}
```

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(135, 164, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 164, 174) }
```

Border

The CSS property to change the border of an element to Yxy 34.7578, 0.2790, 0.3137 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(135, 164, 174) }
```

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

```
.border{ border-color:rgb(135, 164, 174) }
```

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

Here you see how a box with a 4 pixel rgb(135, 164, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 164, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 164, 174);  
box-shadow:4px 4px 4px 4px rgb(135, 164,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7578, 0.2790, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 164, 174) }
```

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

```
.background{ background-color: rgb(135,  
164, 174) }
```

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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