

Converting Colors

$Y_{xy}(28.5140, 0.2734, 0.3559)$

Have a look what the booklet for
Yxy(28.5140, 0.2734, 0.3559)
contains.

Yxy(28.6337, 0.2734, 0.3574)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(28.6337, 0.2734, 0.3574)$

Conversions

Conversions Part 1

Format	Color
Hex	629D8D
RGB	98, 157, 141
RGB Percent	38%, 62%, 55%
CMY	0.6156, 0.3843, 0.4470
CMYK	0.38, 0.00, 0.10, 0.38
HSL	164°, 23%, 50%
HSV	164°, 38%, 62%
XYZ	21.9039, 28.6337, 29.5791
YIQ	137.5350, -30.0280, -17.4840

Conversions

Conversions Part 2

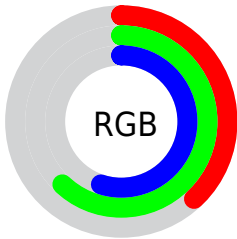
Format	Color
R_{YB}	98, 132, 157
Decimal	6462861
CIE _{Lab}	60.46, -23.01, 2.29
CIE _{LCh}	60, 23.122, 174.311
Yxy	28.6337, 0.2734, 0.3574
Android (android.graphics.Color)	4284652941 (0xFF629D8D)
YUV	137.5350, 1.7082, -34.6722
Hunter-Lab	53.5105, -20.5764, 4.6835

Details

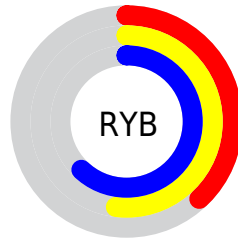
The Yxy color **28.6337, 0.2734, 0.3574** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.1210, 0.3770, 0.3029**, and the grayscale version is **25.2336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6064, 0.2813, 0.3511**, and **11.4628, 0.2595, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **27.7211, 0.2652, 0.3664**, and if you desaturate by 10%, it is **29.7248, 0.2828, 0.3490**.

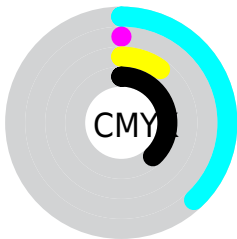
Distribution



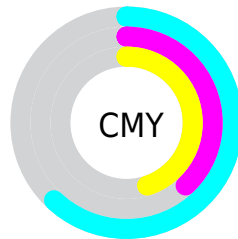
- Red (38%)
- Green (62%)
- Blue (55%)



- Red (38%)
- Yellow (52%)
- Blue (62%)



- Cyan (38%)
- Magenta (0%)
- Yellow (10%)
- Black (38%)




- Cyan (62%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6337, 0.2734, 0.3574 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 28.6337, 0.2734, 0.3574 by changing the saturation by 10% instead.


 28.6337, 0.2734,
0.3574

 28.6337, 0.2734,
0.3574


295.4827, 0.2947,
0.3419


 18.8039, 0.2675,
0.3618


 57.4946, 0.2816,
0.3514


 11.5287, 0.2595,
0.3677


 77.2945, 0.2845,
0.3493

 6.4236, 0.2480,
0.3764


 101.1865, 0.2869,
0.3475

 3.1043, 0.2304,
0.3898

 129.5551, 0.2890,
0.3460

 1.1864, 0.1902,
0.4190

162.7846, 0.2907,
0.3448

 0.0506, 0.0000,
1.0000

201.2594, 0.2922,

 0.0000, 0.0000,

0.3437

0.0000

245.3640, 0.2935,
0.3427

■ 28.6337, 0.2734,
0.3574

■ 28.6337, 0.2734,
0.3574

■ 27.7211, 0.2652,
0.3664

■ 29.7248, 0.2828,
0.3490

■ 26.9734, 0.2584,
0.3759

■ 31.0001, 0.2932,
0.3411

■ 26.3806, 0.2534,
0.3857


■ 32.4696, 0.3041,
0.3340

■ 25.9302, 0.2502,
0.3957


■ 34.1413, 0.3155,
0.3275


■ 25.6074, 0.2489,
0.4057

■ 36.0227, 0.3270,
0.3217


 25.3876, 0.2493,
0.4156

 38.1212, 0.3386,
0.3165

 25.3392, 0.2495,
0.4180

 40.4436, 0.3500,
0.3119

 42.9964, 0.3611,
0.3079

 45.7860, 0.3718,
0.3044

Harmonies

Analogous

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



28.6337, 0.3084, 0.3869



28.6337, 0.2734, 0.3574



28.6337, 0.2497, 0.3203

Triad

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



28.6337, 0.2734, 0.3574



28.6337, 0.2772, 0.2678



28.6337, 0.3886, 0.3625

Complementary

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



28.6337, 0.2734, 0.3574



17.1210, 0.3770, 0.3029

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.



28.6337, 0.3798, 0.3318



28.6337, 0.2734, 0.3574



28.6337, 0.3134, 0.2793

Square

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



28.6337, 0.2734, 0.3574



28.6337, 0.2519, 0.2706



28.6337, 0.3516, 0.3021



28.6337, 0.3757, 0.3872

Rectangle

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



28.6337, 0.2734, 0.3574



28.6337, 0.2428, 0.2981



28.6337, 0.3516, 0.3021



28.6337, 0.3881, 0.3525

Sweetspot

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



28.6349, 0.2734, 0.3574



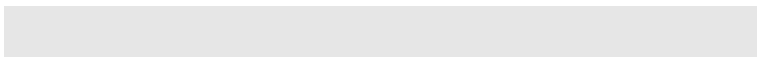
57.1509, 0.3001, 0.3365



28.6222, 0.3233, 0.4345



12.5033, 0.2987, 0.3374



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.6349, 0.2734, 0.3574



49.9036, 0.2665, 0.3648



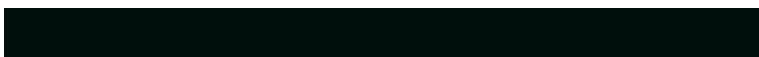
25.0448, 0.2583, 0.3062



7.4788, 0.3023, 0.3351



20.5867, 0.2492, 0.4173



0.3747, 0.2382, 0.3776

Inverse Universe

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



17.1210, 0.3770, 0.3029



26.2780, 0.3985, 0.2972



19.3744, 0.3937, 0.3504



6.6742, 0.3244, 0.3230



5.9662, 0.5813, 0.2976



0.1132, 0.4812, 0.2424

Previews

White Background



This preview shows how the Yxy color 28.6337, 0.2734, 0.3574 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6337, 0.2734, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

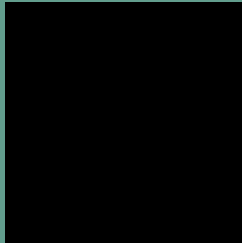
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6337, 0.2734, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 28.6337, 0.2734, 0.3574.

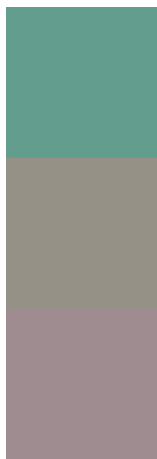


This preview shows how white text looks on a background with the Yxy color 28.6337, 0.2734, 0.3574.

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

28.6337, 0.2734, 0.3574

Protanopia

28.4561, 0.3290, 0.3467

Deuteranopia

28.1714, 0.3284, 0.3213



Tritanopia

28.4787, 0.2585, 0.3070

Trichromacy



Original Color

28.6337, 0.2734, 0.3574

Protanomaly

28.1263, 0.3057, 0.3492

Deuteranomaly

27.8898, 0.3053, 0.3323

Tritanomaly

28.3703, 0.2638, 0.3237

Monochromacy



Original Color

28.6337, 0.2734, 0.3574

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.3258, 0.2959, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6337, 0.2734, 0.3574 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(98, 157, 141)` looks like.

```
.text, #text, p{  
  color:rgb(98, 157, 141)  
}
```

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(98, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 157, 141) }
```

Border

The CSS property to change the border of an element to Yxy 28.6337, 0.2734, 0.3574 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(98, 157, 141) }
```

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

```
.border{ border-color:rgb(98, 157, 141) }
```

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

Here you see how a box with a 4 pixel rgb(98, 157, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(98, 157,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6337, 0.2734, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 157, 141) }
```

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

```
.background{ background-color: rgb(98, 157,  
141) }
```

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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