

Converting Colors

$Y_{xy}(28.6617, 0.2563, 0.2944)$

Have a look what the booklet for
Yxy(28.6617, 0.2563, 0.2944)
contains.

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Color

Yxy(28.6617, 0.2563, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	6C98AD
RGB	108, 152, 173
RGB Percent	42%, 60%, 68%
CMY	0.5765, 0.4039, 0.3216
CMYK	0.38, 0.12, 0.00, 0.32
HSL	199°, 28%, 55%
HSV	199°, 38%, 68%
XYZ	24.9524, 28.6617, 43.7422
YIQ	141.2380, -32.9650, -2.7970

Conversions

Conversions Part 2

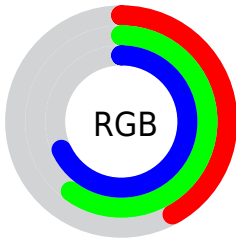
Format	Color
RYB	108, 134, 173
Decimal	7116973
CIELab	60.48, -9.51, -15.71
CIElCh	60, 18.362, 238.816
Yxy	28.6617, 0.2563, 0.2944
Android (android.graphics.Color)	4285307053 (0xFF6C98AD)
YUV	141.2380, 15.6587, -29.1497
Hunter-Lab	53.5366, -10.4936, -10.9674

Details

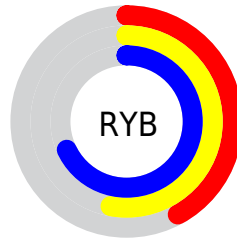
The Yxy color $28.6617, 0.2563, 0.2944$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $25.6546, 0.3907, 0.3608$, and the grayscale version is $26.6805, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.4254, 0.2680, 0.3019$, and $11.5286, 0.2371, 0.2807$ is the 20% darker color. If you saturate the color by 10%, you get $25.9141, 0.2424, 0.2834$, and if you desaturate by 10%, it is $31.7120, 0.2709, 0.3047$.

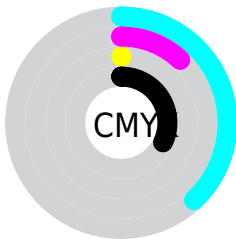
Distribution



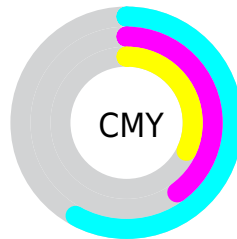
- Red (42%)
- Green (60%)
- Blue (68%)



- Red (42%)
- Yellow (53%)
- Blue (68%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)





- Cyan (58%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6617, 0.2563, 0.2944 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 28.6617, 0.2563, 0.2944 by changing the saturation by 10% instead.


 28.6617, 0.2563,
0.2944


 28.6617, 0.2563,
0.2944


295.6154, 0.2862,
0.3134


 18.8251, 0.2483,
0.2890


 57.5392, 0.2676,
0.3017


 11.5439, 0.2377,
0.2818


 77.3488, 0.2717,
0.3044

 6.4339, 0.2230,
0.2714


 101.2515, 0.2751,
0.3065

 3.1107, 0.2014,
0.2555

 129.6317, 0.2780,
0.3083

 1.1898, 0.1673,
0.2285

162.8738, 0.2805,
0.3099

 0.0533, 0.0000,
0.0436

201.3622, 0.2826,

 0.0000, 0.0000,

0.3112

0.0000

245.4812, 0.2845,
0.3124

■ 28.6617, 0.2563,
0.2944

■ 28.6617, 0.2563,
0.2944

■ 25.9141, 0.2424,
0.2834

■ 31.7120, 0.2709,
0.3047

■ 23.4520, 0.2297,
0.2718

■ 35.0744, 0.2860,
0.3143

■ 21.2610, 0.2185,
0.2598

■ 38.7622, 0.3013,
0.3230

■ 19.3240, 0.2090,
0.2476

■ 42.7867, 0.3164,
0.3308

■ 17.6212, 0.2015,
0.2355

■ 47.1584, 0.3311,
0.3379

■ 16.1223, 0.1959,
0.2235

■ 51.8876, 0.3454,
0.3442

■ 15.7766, 0.1946,
0.2205

■ 56.9839, 0.3592,
0.3497

■ 62.4566, 0.3722,
0.3546

■ 66.6329, 0.3776,
0.3596

Harmonies

Analogous

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



28.6617, 0.2604, 0.3184



28.6617, 0.2563, 0.2944



28.6617, 0.2663, 0.2811

Triad

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



28.6617, 0.2563, 0.2944



28.6617, 0.3477, 0.3109



28.6617, 0.3352, 0.3827

Complementary

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



28.6617, 0.2563, 0.2944



25.6546, 0.3907, 0.3608

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.



28.6617, 0.3602, 0.3776



28.6617, 0.2563, 0.2944



28.6617, 0.3679, 0.3355

Square

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



28.6617, 0.2563, 0.2944



28.6617, 0.3182, 0.2912



28.6617, 0.3724, 0.3598



28.6617, 0.3051, 0.3716

Rectangle

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



28.6617, 0.2563, 0.2944



28.6617, 0.2800, 0.2792



28.6617, 0.3724, 0.3598



28.6617, 0.3445, 0.3827

Sweetspot

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



28.6628, 0.2563, 0.2944



66.9786, 0.2957, 0.3199



34.6408, 0.2924, 0.4043



14.3681, 0.2938, 0.3188



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.



28.6628, 0.2563, 0.2944



47.2634, 0.2448, 0.2854



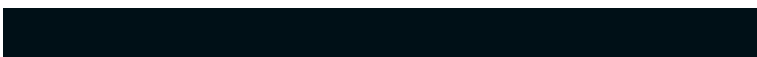
19.6133, 0.2483, 0.2384



8.6297, 0.2986, 0.3215



11.6998, 0.1950, 0.2218



0.4189, 0.2050, 0.2581

Inverse Universe

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



21.8718, 0.3422, 0.2649



33.9792, 0.3511, 0.2512



35.4772, 0.3737, 0.4056



8.1034, 0.3185, 0.3138



7.4841, 0.4213, 0.2094



0.2176, 0.3843, 0.1890

Previews

White Background



This preview shows how the Yxy color 28.6617, 0.2563, 0.2944 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 28.6617, 0.2563, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

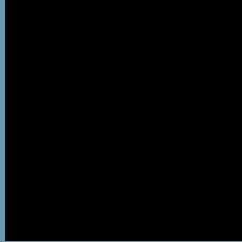
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

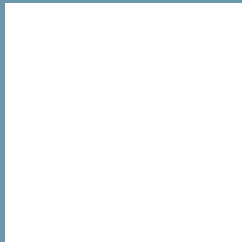
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.6617, 0.2563, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 28.6617, 0.2563, 0.2944.



This preview shows how white text looks on a background with the Yxy color 28.6617, 0.2563, 0.2944.

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

28.6617, 0.2563, 0.2944

Protanopia

28.4364, 0.2874, 0.2916

Deuteranopia

28.4609, 0.2850, 0.2788



Tritanopia

28.5998, 0.2600, 0.3071

Trichromacy



Original Color

28.6617, 0.2563, 0.2944

Protanomaly

28.4368, 0.2749, 0.2923

Deuteranomaly

28.5193, 0.2742, 0.2850

Tritanomaly

28.7728, 0.2586, 0.3023

Monochromacy



Original Color

28.6617, 0.2563, 0.2944

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.2178, 0.2891, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6617, 0.2563, 0.2944 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(108, 152, 173)` looks like.

```
.text, #text, p{  
    color:rgb(108, 152, 173)  
}
```

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(108, 152, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 152, 173) }
```

Border

The CSS property to change the border of an element to Yxy 28.6617, 0.2563, 0.2944 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(108, 152, 173) }
```

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

```
.border{ border-color:rgb(108, 152, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 152, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 152, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 152, 173);  
box-shadow:4px 4px 4px 4px rgb(108, 152,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6617, 0.2563, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 152, 173) }
```

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

```
.background{ background-color: rgb(108,  
152, 173) }
```

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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