

Converting Colors

$Y_{xy}(23.0728, 0.2639, 0.2934)$

Have a look what the booklet for
Yxy(23.0728, 0.2639, 0.2934)
contains.

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Color

$\text{Yxy}(23.0728, 0.2639, 0.2934)$

Conversions

Conversions Part 1	
Format	Color
Hex	6A889C
RGB	106, 136, 156
RGB Percent	42%, 53%, 61%
CMY	0.5841, 0.4667, 0.3882
CMYK	0.32, 0.13, 0.00, 0.39
HSL	204°, 20%, 51%
HSV	204°, 32%, 61%
XYZ	20.7529, 23.0728, 34.8137
YIQ	129.3100, -24.3000, -0.1400

Conversions

Conversions Part 2

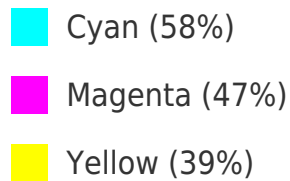
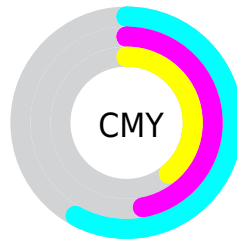
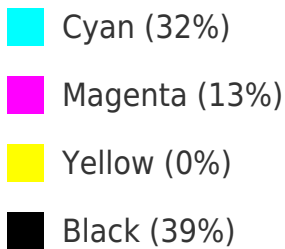
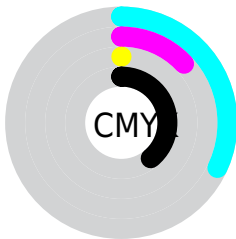
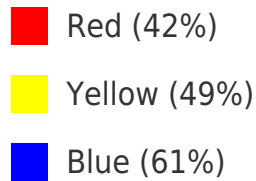
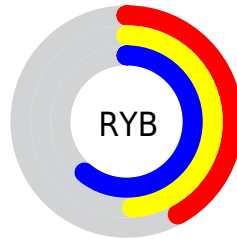
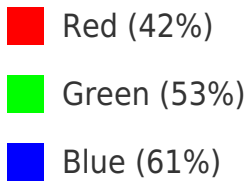
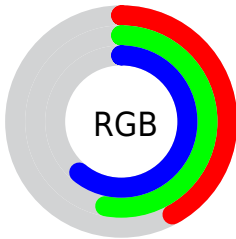
Format	Color
RYB	106, 125, 156
Decimal	6981788
CIELab	55.15, -5.59, -14.09
CIELCh	55, 15.160, 248.371
Yxy	23.0728, 0.2639, 0.2934
Android (android.graphics.Color)	4285171868 (0xFF6A889C)
YUV	129.3100, 13.1582, -20.4429
Hunter-Lab	48.0342, -6.9397, -9.3476

Details

The Yxy color `23.0728, 0.2639, 0.2934` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `23.0466, 0.3735, 0.3620`, and the grayscale version is `22.0301, 0.3127, 0.3290`.

A 20% lighter version of the original color is `48.4693, 0.2742, 0.3004`, and `8.5163, 0.2451, 0.2780` is the 20% darker color. If you saturate the color by 10%, you get `20.4936, 0.2489, 0.2801`, and if you desaturate by 10%, it is `25.9303, 0.2792, 0.3057`.


Distribution




Brightness & Saturation Gradients

These gradients show how the Yxy color 23.0728, 0.2639, 0.2934 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 23.0728, 0.2639, 0.2934 by changing the saturation by 10% instead.


 23.0728, 0.2639,
0.2934


 23.0728, 0.2639,
0.2934


268.0987, 0.2907,
0.3134

 14.6473, 0.2563,
0.2875


 48.5128, 0.2743,
0.3013


 8.5722, 0.2459,
0.2794


 66.2961, 0.2780,
0.3040

 4.4632, 0.2310,
0.2675


 87.9675, 0.2811,
0.3063

 1.9359, 0.2077,
0.2483

 113.9113, 0.2836,
0.3082

 0.5698, 0.1482,
0.2085

144.5119, 0.2858,
0.3098

 0.0000, 0.0000,
0.0000

180.1537, 0.2877,

0.3112

221.2212, 0.2893,
0.3124

■ 23.0728, 0.2639,
0.2934

■ 23.0728, 0.2639,
0.2934

■ 20.4936, 0.2489,
0.2801

■ 25.9303, 0.2792,
0.3057

■ 18.1790, 0.2347,
0.2660

■ 29.0739, 0.2946,
0.3169

■ 16.1176, 0.2215,
0.2513

■ 32.5142, 0.3097,
0.3271

■ 14.2961, 0.2099,
0.2361

■ 36.2605, 0.3244,
0.3362

■ 12.6996, 0.2001,
0.2208

■ 40.3217, 0.3385,
0.3443

■ 11.3106, 0.1924,
0.2058

■ 44.7060, 0.3519,
0.3515

■ 10.3195, 0.1872,
0.1940

■ 49.4216, 0.3646,
0.3578

■ 54.4762, 0.3766,
0.3633

■ 59.8774, 0.3878,
0.3682

Harmonies

Analogous

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



23.0728, 0.2635, 0.3122



23.0728, 0.2639, 0.2934



23.0728, 0.2767, 0.2849

Triad

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



23.0728, 0.2639, 0.2934



23.0728, 0.3507, 0.3197



23.0728, 0.3245, 0.3749

Complementary

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



23.0728, 0.2639, 0.2934



23.0466, 0.3735, 0.3620

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.



23.0728, 0.3488, 0.3750



23.0728, 0.2639, 0.2934



23.0728, 0.3645, 0.3422

Square

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



23.0728, 0.2639, 0.2934



23.0728, 0.3264, 0.3001



23.0728, 0.3638, 0.3625



23.0728, 0.2977, 0.3607

Rectangle

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



23.0728, 0.2639, 0.2934



23.0728, 0.2909, 0.2855



23.0728, 0.3638, 0.3625



23.0728, 0.3332, 0.3765

Sweetspot

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



23.0737, 0.2639, 0.2934



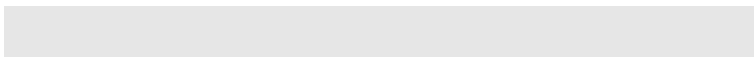
53.9031, 0.2974, 0.3188



28.3525, 0.2918, 0.3829



11.6883, 0.2954, 0.3175



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.



23.0737, 0.2639, 0.2934



38.6988, 0.2538, 0.2846



16.8457, 0.2584, 0.2468



7.0632, 0.2988, 0.3198



8.5687, 0.1875, 0.1950



0.2344, 0.2041, 0.2546

Inverse Universe

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



19.1634, 0.3417, 0.2808



30.8972, 0.3499, 0.2705



30.2459, 0.3619, 0.3997



6.7095, 0.3195, 0.3157



6.4872, 0.4509, 0.2258



0.1242, 0.3877, 0.1909

Previews

White Background



This preview shows how the Yxy color 23.0728, 0.2639, 0.2934 looks on a white background.

Color Contrast Check

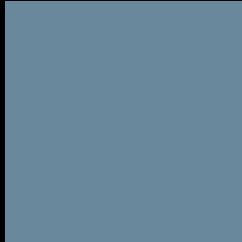
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0728, 0.2639, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

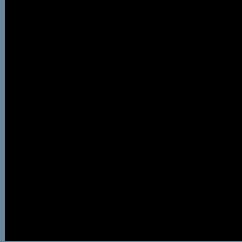
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

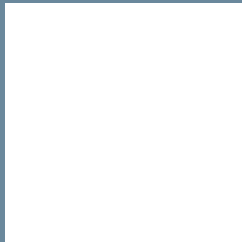
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.0728, 0.2639, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 23.0728, 0.2639, 0.2934.



This preview shows how white text looks on a background with the Yxy color 23.0728, 0.2639, 0.2934.

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

23.0728, 0.2639, 0.2934

Protanopia

23.0888, 0.2881, 0.2932

Deuteranopia

23.0747, 0.2864, 0.2808



Tritanopia

22.9725, 0.2689, 0.3089

Trichromacy



Original Color
23.0728, 0.2639, 0.2934

Protanomaly
23.0680, 0.2792, 0.2943

Deuteranomaly
23.1478, 0.2784, 0.2864

Tritanomaly
23.1289, 0.2673, 0.3037

Monochromacy



Original Color
23.0728, 0.2639, 0.2934

Achromatopsia
21.9526, 0.3127, 0.3290

Achromatomaly
22.4316, 0.2934, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0728, 0.2639, 0.2934 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(106, 136, 156) looks like.

```
.text, #text, p{  
    color:rgb(106, 136, 156)  
}
```

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(106, 136, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 136, 156) }
```

Border

The CSS property to change the border of an element to Yxy 23.0728, 0.2639, 0.2934 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(106, 136, 156) }
```

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

```
.border{ border-color:rgb(106, 136, 156) }
```

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

Here you see how a box with a 4 pixel rgb(106, 136, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 136, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 136, 156);  
box-shadow:4px 4px 4px 4px rgb(106, 136,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0728, 0.2639, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 136, 156) }
```

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

```
.background{ background-color: rgb(106,  
136, 156) }
```

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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