

Converting Colors

$Y_{xy}(28.4485, 0.2617, 0.2929)$

Have a look what the booklet for
Yxy(28.4485, 0.2617, 0.2929)
contains.

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Color

Yxy(28.4361, 0.2620, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	7396AC
RGB	115, 150, 172
RGB Percent	45%, 59%, 67%
CMY	0.5489, 0.4118, 0.3254
CMYK	0.33, 0.13, 0.00, 0.33
HSL	203°, 26%, 56%
HSV	203°, 33%, 67%
XYZ	25.4275, 28.4361, 43.1879
YIQ	142.0430, -27.9220, -0.5780

Conversions

Conversions Part 2

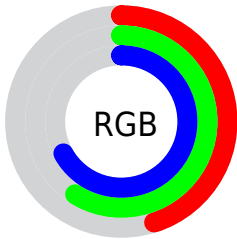
Format	Color
RYB	115, 137, 172
Decimal	7575212
CIELab	60.28, -6.62, -15.43
CIELCh	60, 16.790, 246.775
Yxy	28.4361, 0.2620, 0.2930
Android (android.graphics.Color)	4285765292 (0xFF7396AC)
YUV	142.0430, 14.7688, -23.7167
Hunter-Lab	53.3255, -8.2045, -10.6907

Details

The Yxy color $28.4361, 0.2620, 0.2930$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $27.9199, 0.3771, 0.3622$, and the grayscale version is $27.0202, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.0566, 0.2721, 0.3009$, and $11.3697, 0.2444, 0.2788$ is the 20% darker color. If you saturate the color by 10%, you get $25.3153, 0.2471, 0.2800$, and if you desaturate by 10%, it is $31.8972, 0.2773, 0.3051$.

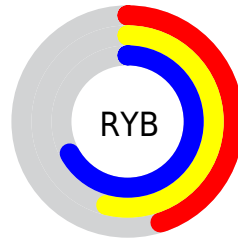
Distribution



Red (45%)

Green (59%)

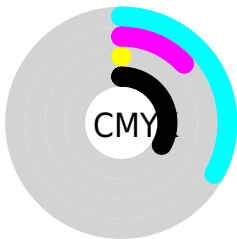
Blue (67%)



Red (45%)

Yellow (54%)

Blue (67%)

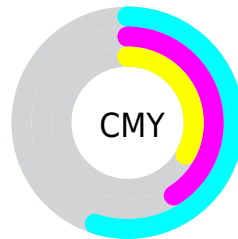


Cyan (33%)

Magenta (13%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4361, 0.2620, 0.2930 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 28.4361, 0.2620, 0.2930 by changing the saturation by 10% instead.

■ 28.4361, 0.2620,
0.2930

■ 28.4361, 0.2620,
0.2930

■ 294.5449, 0.2890,
0.3126

■ 18.6547, 0.2547,
0.2875

■ 57.1799, 0.2722,
0.3005

■ 11.4210, 0.2450,
0.2801

■ 76.9111, 0.2759,
0.3033

■ 6.3508, 0.2316,
0.2696

■ 100.7277, 0.2790,
0.3055

■ 3.0595, 0.2116,
0.2535

■ 129.0140, 0.2816,
0.3074

■ 1.1629, 0.1796,
0.2264

■ 162.1545, 0.2839,
0.3090

■ 0.0311, 0.0000,
0.0270

■ 200.5336, 0.2858,

■ 0.0000, 0.0000,

0.3104

0.0000

244.5356, 0.2875,
0.3116

■ 28.4361, 0.2620,
0.2930

■ 28.4361, 0.2620,
0.2930

■ 25.3153, 0.2471,
0.2800

■ 31.8972, 0.2773,
0.3051

■ 22.5174, 0.2331,
0.2662

■ 35.7082, 0.2928,
0.3161

■ 20.0281, 0.2202,
0.2518

■ 39.8828, 0.3080,
0.3261

■ 17.8304, 0.2090,
0.2371

■ 44.4325, 0.3229,
0.3351

■ 15.9052, 0.1997,
0.2223

■ 49.3683, 0.3372,
0.3431

■ 14.2298, 0.1925,
0.2077

■ 54.7008, 0.3509,
0.3501

■ 13.1911, 0.1883,
0.1979

■ 60.4400, 0.3639,
0.3563

■ 66.5956, 0.3761,
0.3618

■ 70.2505, 0.3758,
0.3683

Harmonies

Analogous

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



28.4361, 0.2623, 0.3128



28.4361, 0.2620, 0.2930



28.4361, 0.2745, 0.2837

Triad

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



28.4361, 0.2620, 0.2930



28.4361, 0.3508, 0.3182



28.4361, 0.3263, 0.3768

Complementary

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



28.4361, 0.2620, 0.2930



27.9199, 0.3771, 0.3622

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.



28.4361, 0.3511, 0.3762



28.4361, 0.2620, 0.2930



28.4361, 0.3659, 0.3413

Square

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



28.4361, 0.2620, 0.2930



28.4361, 0.3253, 0.2983



28.4361, 0.3659, 0.3626



28.4361, 0.2986, 0.3629

Rectangle

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



28.4361, 0.2620, 0.2930



28.4361, 0.2889, 0.2839



28.4361, 0.3659, 0.3626



28.4361, 0.3353, 0.3783

Sweetspot

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



28.4372, 0.2620, 0.2930



66.9263, 0.2973, 0.3191



34.9625, 0.2917, 0.3873



14.3267, 0.2952, 0.3177



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.



28.4372, 0.2620, 0.2930



47.2244, 0.2507, 0.2832



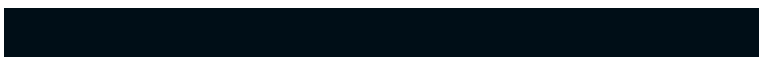
20.4676, 0.2560, 0.2443



8.5442, 0.2986, 0.3200



9.9226, 0.1887, 0.1993



0.3779, 0.2009, 0.2431

Inverse Universe

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



23.2439, 0.3423, 0.2776



36.8438, 0.3515, 0.2657



37.0561, 0.3644, 0.4015



8.0948, 0.3194, 0.3152



7.3047, 0.4460, 0.2231



0.2135, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 28.4361, 0.2620, 0.2930 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 28.4361, 0.2620, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

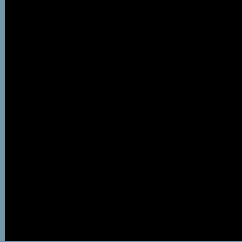
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

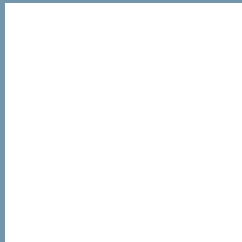
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.4361, 0.2620, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 28.4361, 0.2620, 0.2930.



This preview shows how white text looks on a background with the Yxy color 28.4361, 0.2620, 0.2930.

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

28.4361, 0.2620, 0.2930

Protanopia

28.4364, 0.2874, 0.2916

Deuteranopia

28.4217, 0.2859, 0.2803



Tritanopia

28.3243, 0.2666, 0.3072

Trichromacy



Original Color

28.4361, 0.2620, 0.2930

Protanomaly

28.3279, 0.2783, 0.2924

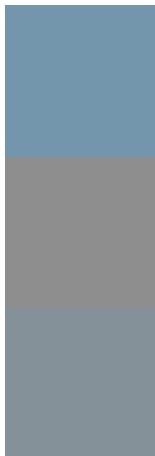
Deuteranomaly

28.3363, 0.2767, 0.2851

Tritanomaly

28.5006, 0.2651, 0.3025

Monochromacy



Original Color

28.4361, 0.2620, 0.2930

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.4562, 0.2920, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4361, 0.2620, 0.2930 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(115, 150, 172)` looks like.

```
.text, #text, p{  
    color:rgb(115, 150, 172)  
}
```

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(115, 150, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 150, 172) }
```

Border

The CSS property to change the border of an element to Yxy 28.4361, 0.2620, 0.2930 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(115, 150, 172) }
```

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

```
.border{ border-color:rgb(115, 150, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 150, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 150, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 150, 172);  
box-shadow:4px 4px 4px 4px rgb(115, 150,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4361, 0.2620, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 150, 172) }
```

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

```
.background{ background-color: rgb(115,  
150, 172) }
```

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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