

Converting Colors

$Y_{xy}(29.6770, 0.2518, 0.2862)$

Have a look what the booklet for
Yxy(29.6770, 0.2518, 0.2862)
contains.

Yxy(29.6355, 0.2513, 0.2856)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.6355, 0.2513, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	6C9AB5
RGB	108, 154, 181
RGB Percent	42%, 60%, 71%
CMY	0.5766, 0.3960, 0.2903
CMYK	0.40, 0.15, 0.00, 0.29
HSL	202°, 33%, 57%
HSV	202°, 40%, 71%
XYZ	26.0763, 29.6355, 48.0539
YIQ	143.3240, -36.0830, -1.3550

Conversions

Conversions Part 2

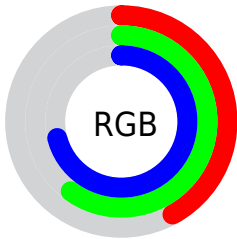
Format	Color
RYB	108, 136, 181
Decimal	7117493
CIELab	61.34, -8.46, -18.93
CIElCh	61, 20.735, 245.912
Yxy	29.6355, 0.2513, 0.2856
Android (android.graphics.Color)	4285307573 (0xFF6C9AB5)
YUV	143.3240, 18.5743, -30.9791
Hunter-Lab	54.4385, -9.7649, -14.2295

Details

The Yxy color **29.6355, 0.2513, 0.2856** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.2174, 0.3968, 0.3681**, and the grayscale version is **27.5375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9076, 0.2632, 0.2940**, and **12.0712, 0.2314, 0.2706** is the 20% darker color. If you saturate the color by 10%, you get **26.4712, 0.2371, 0.2726**, and if you desaturate by 10%, it is **33.1606, 0.2662, 0.2978**.

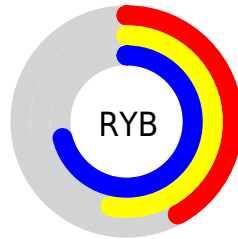
Distribution



Red (42%)

Green (60%)

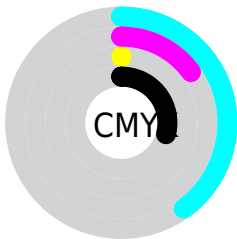
Blue (71%)



Red (42%)

Yellow (53%)

Blue (71%)

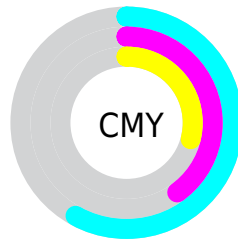


Cyan (40%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.6355, 0.2513, 0.2856 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 29.6355, 0.2513, 0.2856 by changing the saturation by 10% instead.

■ 29.6355, 0.2513,
0.2856

■ 29.6355, 0.2513,
0.2856

■ 300.2017, 0.2836,
0.3091

■ 19.5621, 0.2428,
0.2791

■ 59.0853, 0.2634,
0.2946

■ 12.0771, 0.2315,
0.2704

■ 79.2304, 0.2678,
0.2978

■ 6.7962, 0.2161,
0.2582

■ 103.5016, 0.2715,
0.3005

■ 3.3350, 0.1939,
0.2399

■ 132.2832, 0.2747,
0.3028

■ 1.3090, 0.1597,
0.2102

■ 165.9596, 0.2774,
0.3047

■ 0.1482, 0.0000,
0.0855

■ 204.9152, 0.2797,

■ 0.0000, 0.0000,

0.3064

0.0000

249.5345, 0.2818,
0.3078

■ 29.6355, 0.2513,
0.2856

■ 29.6355, 0.2513,
0.2856

■ 26.4712, 0.2371,
0.2726

■ 33.1606, 0.2662,
0.2978

■ 23.6476, 0.2241,
0.2590

■ 37.0584, 0.2816,
0.3091

■ 21.1475, 0.2127,
0.2450

■ 41.3443, 0.2970,
0.3194

■ 18.9501, 0.2031,
0.2308

■ 46.0319, 0.3122,
0.3287

■ 17.0315, 0.1955,
0.2167

■ 51.1338, 0.3270,
0.3370

■ 15.3973, 0.1899,
0.2034

■ 56.6621, 0.3413,
0.3445

■ 62.6283, 0.3550,
0.3510

■ 69.0434, 0.3679,
0.3568

■ 72.7851, 0.3678,
0.3633

Harmonies

Analogous

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



29.6355, 0.2521, 0.3097



29.6355, 0.2513, 0.2856



29.6355, 0.2658, 0.2743

Triad

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



29.6355, 0.2513, 0.2856



29.6355, 0.3584, 0.3149



29.6355, 0.3299, 0.3880

Complementary

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



29.6355, 0.2513, 0.2856



28.2174, 0.3968, 0.3681

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.



29.6355, 0.3600, 0.3861



29.6355, 0.2513, 0.2856



29.6355, 0.3774, 0.3426

Square

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



29.6355, 0.2513, 0.2856



29.6355, 0.3269, 0.2914



29.6355, 0.3778, 0.3687



29.6355, 0.2963, 0.3715

Rectangle

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



29.6355, 0.2513, 0.2856



29.6355, 0.2828, 0.2745



29.6355, 0.3778, 0.3687



29.6355, 0.3408, 0.3894

Sweetspot

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



29.6366, 0.2513, 0.2856



72.5795, 0.2941, 0.3175



37.9705, 0.2886, 0.4050



15.4708, 0.2922, 0.3163



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.6366, 0.2513, 0.2856



48.2503, 0.2393, 0.2747



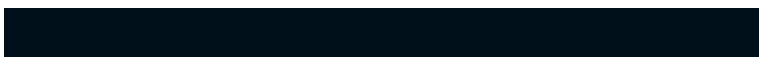
19.4099, 0.2417, 0.2238



9.0931, 0.2986, 0.3204



10.7523, 0.1903, 0.2051



0.4453, 0.2010, 0.2437

Inverse Universe

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



22.8746, 0.3496, 0.2644



35.3613, 0.3605, 0.2514



40.1249, 0.3769, 0.4158



8.5924, 0.3192, 0.3147



7.6256, 0.4395, 0.2195



0.2507, 0.3986, 0.1969

Previews

White Background



This preview shows how the Yxy color 29.6355, 0.2513, 0.2856 looks on a white background.

Color Contrast Check

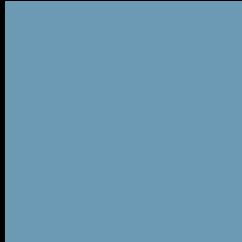
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6355, 0.2513, 0.2856 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

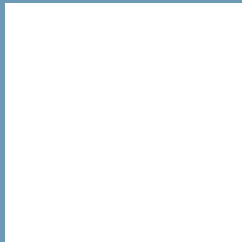
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.6355, 0.2513, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 29.6355, 0.2513, 0.2856.



This preview shows how white text looks on a background with the Yxy color 29.6355, 0.2513, 0.2856.

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

29.6355, 0.2513, 0.2856

Protanopia

29.3551, 0.2807, 0.2832

Deuteranopia

29.5990, 0.2776, 0.2723



Tritanopia

29.6448, 0.2579, 0.3073

Trichromacy



Original Color

29.6355, 0.2513, 0.2856

Protanomaly

29.3764, 0.2689, 0.2837

Deuteranomaly

29.3825, 0.2673, 0.2767

Tritanomaly

29.5240, 0.2556, 0.2993

Monochromacy



Original Color

29.6355, 0.2513, 0.2856

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.0476, 0.2867, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6355, 0.2513, 0.2856 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, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(108, 154, 181)  
}
```

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, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 154, 181) }
```

Border

The CSS property to change the border of an element to Yxy 29.6355, 0.2513, 0.2856 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, 154, 181) }
```

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

```
.border{ border-color:rgb(108, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(108, 154,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6355, 0.2513, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 154, 181) }
```

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

```
.background{ background-color: rgb(108,  
154, 181) }
```

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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