

Converting Colors

$Y_{xy}(29.0401, 0.2486, 0.2972)$

Have a look what the booklet for
Yxy(29.0401, 0.2486, 0.2972)
contains.

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Color

$\text{Yxy}(29.0401, 0.2486, 0.2972)$

Conversions

Conversions Part 1

Format	Color
Hex	619BAE
RGB	97, 155, 174
RGB Percent	38%, 61%, 68%
CMY	0.6197, 0.3921, 0.3176
CMYK	0.44, 0.11, 0.00, 0.32
HSL	195°, 32%, 53%
HSV	195°, 44%, 68%
XYZ	24.2913, 29.0401, 44.3809
YIQ	139.8240, -40.6670, -6.3870

Conversions

Conversions Part 2

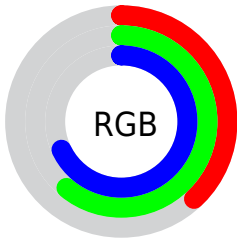
Format	Color
R_{YB}	97, 130, 174
Decimal	6396846
CIE _{Lab}	60.82, -13.80, -15.85
CIE _{LCh}	61, 21.016, 228.938
Yxy	29.0401, 0.2486, 0.2972
Android (android.graphics.Color)	4284586926 (0xFF619BAE)
YUV	139.8240, 16.8488, -37.5566
Hunter-Lab	53.8889, -13.8437, -11.1069

Details

The Yxy color **29.0401, 0.2486, 0.2972** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3557, 0.4140, 0.3578**, and the grayscale version is **26.0984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3296, 0.2615, 0.3053**, and **11.7980, 0.2274, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **26.7832, 0.2364, 0.2886**, and if you desaturate by 10%, it is **31.5598, 0.2620, 0.3053**.

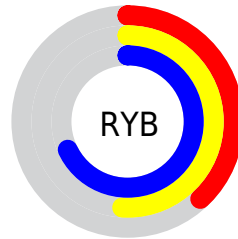
Distribution



Red (38%)

Green (61%)

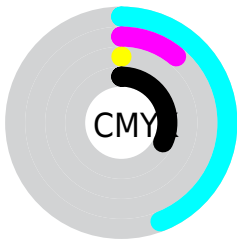
Blue (68%)



Red (38%)

Yellow (51%)

Blue (68%)

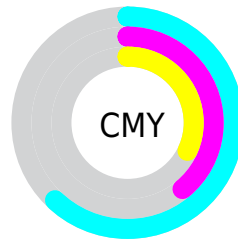


Cyan (44%)

Magenta (11%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0401, 0.2486, 0.2972 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 29.0401, 0.2486, 0.2972 by changing the saturation by 10% instead.

■ 29.0401, 0.2486,
0.2972

■ 29.0401, 0.2486,
0.2972

■ 297.4041, 0.2824,
0.3149

■ 19.1112, 0.2396,
0.2921

■ 58.1408, 0.2613,
0.3041

■ 11.7506, 0.2278,
0.2852

■ 78.0813, 0.2659,
0.3065

■ 6.5741, 0.2115,
0.2753

■ 102.1279, 0.2698,
0.3085

■ 3.1972, 0.1880,
0.2599

■ 130.6648, 0.2731,
0.3102

■ 1.2355, 0.1514,
0.2334

■ 164.0764, 0.2759,
0.3117

■ 0.0904, 0.0000,
0.0686

■ 202.7473, 0.2784,

■ 0.0000, 0.0000,

0.3129

0.0000

247.0617, 0.2805,
0.3140

■ 29.0401, 0.2486,
0.2972

■ 29.0401, 0.2486,
0.2972

■ 26.7832, 0.2364,
0.2886

■ 31.5598, 0.2620,
0.3053

■ 24.7714, 0.2257,
0.2798

■ 34.3520, 0.2763,
0.3129

■ 22.9898, 0.2167,
0.2707

■ 37.4300, 0.2911,
0.3200

■ 21.4198, 0.2097,
0.2616

■ 40.8052, 0.3062,
0.3264

■ 20.0395, 0.2045,
0.2526

■ 44.4880, 0.3214,
0.3323

■ 19.3055, 0.2021,
0.2474

■ 48.4887, 0.3363,
0.3375

■ 52.8166, 0.3508,
0.3421

■ 57.4810, 0.3649,
0.3462

■ 62.4905, 0.3784,
0.3498

Harmonies

Analogous

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



29.0401, 0.2584, 0.3273



29.0401, 0.2486, 0.2972



29.0401, 0.2547, 0.2780

Triad

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



29.0401, 0.2486, 0.2972



29.0401, 0.3421, 0.3002



29.0401, 0.3486, 0.3904

Complementary

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



29.0401, 0.2486, 0.2972



22.3557, 0.4140, 0.3578

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.



29.0401, 0.3732, 0.3787



29.0401, 0.2486, 0.2972



29.0401, 0.3698, 0.3267

Square

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



29.0401, 0.2486, 0.2972



29.0401, 0.3072, 0.2809



29.0401, 0.3814, 0.3550



29.0401, 0.3152, 0.3842

Rectangle

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



29.0401, 0.2486, 0.2972



29.0401, 0.2671, 0.2729



29.0401, 0.3814, 0.3550



29.0401, 0.3582, 0.3883

Sweetspot

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



29.0412, 0.2486, 0.2972



68.4852, 0.2927, 0.3207



34.0585, 0.2940, 0.4323



14.9388, 0.2894, 0.3192



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.0412, 0.2486, 0.2972



48.6963, 0.2368, 0.2889



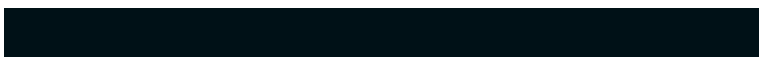
18.4432, 0.2373, 0.2304



8.7320, 0.2986, 0.3233



14.0952, 0.2024, 0.2484



0.4714, 0.2099, 0.2756

Inverse Universe

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



19.9144, 0.3415, 0.2460



30.8116, 0.3500, 0.2295



32.8039, 0.3891, 0.4106



8.1138, 0.3174, 0.3121



7.7260, 0.3938, 0.1943



0.2229, 0.3676, 0.1798

Previews

White Background



This preview shows how the Yxy color 29.0401, 0.2486, 0.2972 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 29.0401, 0.2486, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

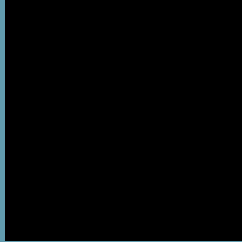
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0401, 0.2486, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 29.0401, 0.2486, 0.2972.



This preview shows how white text looks on a background with the Yxy color 29.0401, 0.2486, 0.2972.

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

29.0401, 0.2486, 0.2972

Protanopia

28.7916, 0.2893, 0.2948

Deuteranopia

28.8390, 0.2833, 0.2776



Tritanopia

29.0370, 0.2516, 0.3085

Trichromacy



Original Color

29.0401, 0.2486, 0.2972

Protanomaly

28.8328, 0.2725, 0.2953

Deuteranomaly

28.5912, 0.2692, 0.2833

Tritanomaly

29.1660, 0.2509, 0.3053

Monochromacy



Original Color

29.0401, 0.2486, 0.2972

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.8029, 0.2852, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0401, 0.2486, 0.2972 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(97, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(97, 155, 174)  
}
```

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(97, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 155, 174) }
```

Border

The CSS property to change the border of an element to Yxy 29.0401, 0.2486, 0.2972 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(97, 155, 174) }
```

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

```
.border{ border-color:rgb(97, 155, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 155, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(97, 155,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0401, 0.2486, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 155, 174) }
```

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

```
.background{ background-color: rgb(97, 155,  
174) }
```

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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