

Converting Colors

$Y_{xy}(26.1296, 0.2414, 0.2976)$

Have a look what the booklet for
Yxy(26.1296, 0.2414, 0.2976)
contains.

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Color

$\text{Yxy}(26.0788, 0.2416, 0.2972)$

Conversions

Conversions Part 1

Format	Color
Hex	5295A7
RGB	82, 149, 167
RGB Percent	32%, 58%, 65%
CMY	0.6785, 0.4157, 0.3451
CMYK	0.51, 0.11, 0.00, 0.35
HSL	193°, 34%, 49%
HSV	193°, 51%, 65%
XYZ	21.2000, 26.0788, 40.4695
YIQ	131.0190, -45.7100, -8.6060

Conversions

Conversions Part 2

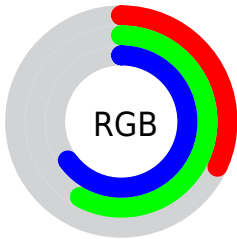
Format	Color
R _Y B	82, 119, 167
Decimal	5412263
CIE Lab	58.11, -16.22, -16.02
CIE LCh	58, 22.796, 224.644
Yxy	26.0788, 0.2416, 0.2972
Android (android.graphics.Color)	4283602343 (0xFF5295A7)
YUV	131.0190, 17.7386, -42.9897
Hunter-Lab	51.0674, -15.2659, -11.2385

Details

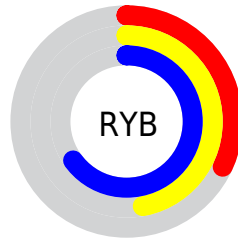
The Yxy color **26.0788, 0.2416, 0.2972** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9310, 0.4383, 0.3570**, and the grayscale version is **22.6508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3042, 0.2560, 0.3043**, and **10.1219, 0.2175, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **24.3193, 0.2308, 0.2898**, and if you desaturate by 10%, it is **28.0564, 0.2538, 0.3043**.

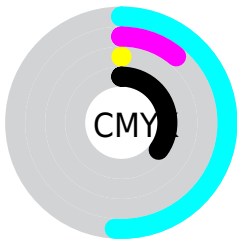
Distribution



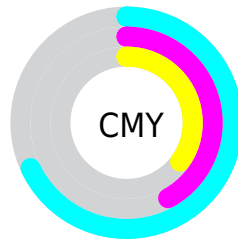
- Red (32%)
- Green (58%)
- Blue (65%)



- Red (32%)
- Yellow (47%)
- Blue (65%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (68%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0788, 0.2416, 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 26.0788, 0.2416, 0.2972 by changing the saturation by 10% instead.

■ 26.0788, 0.2416,
0.2972

■ 26.0788, 0.2416,
0.2972

■ 283.1687, 0.2796,
0.3154

■ 16.8826, 0.2313,
0.2918

■ 53.4020, 0.2560,
0.3044

■ 10.1508, 0.2177,
0.2843

■ 72.2979, 0.2612,
0.3069

■ 5.4991, 0.1988,
0.2733

■ 95.1957, 0.2656,
0.3090

■ 2.5430, 0.1711,
0.2556

■ 122.4799, 0.2692,
0.3107

■ 0.8981, 0.1157,
0.2270

■ 154.5350, 0.2724,
0.3121

■ 0.0000, 0.0000,
0.0000

191.7452, 0.2751,

0.3134

234.4949, 0.2775,
0.3144

■ 26.0788, 0.2416,
0.2972

■ 26.0788, 0.2416,
0.2972

■ 24.3193, 0.2308,
0.2898

■ 28.0564, 0.2538,
0.3043

■ 22.7611, 0.2218,
0.2822

■ 30.2614, 0.2672,
0.3111

■ 21.3896, 0.2145,
0.2746

■ 32.7062, 0.2815,
0.3174

■ 20.1864, 0.2092,
0.2669

■ 35.4014, 0.2963,
0.3232

■ 19.2012, 0.2056,
0.2600

■ 38.3566, 0.3113,
0.3285

■ 41.5813, 0.3265,
0.3334

■ 45.0841, 0.3414,
0.3377

■ 48.8735, 0.3559,
0.3415

■ 52.9572, 0.3700,
0.3449

Harmonies

Analogous

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



26.0788, 0.2548, 0.3323



26.0788, 0.2416, 0.2972



26.0788, 0.2459, 0.2739

Triad

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



26.0788, 0.2416, 0.2972



26.0788, 0.3402, 0.2932



26.0788, 0.3576, 0.3973

Complementary

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



26.0788, 0.2416, 0.2972



17.9310, 0.4383, 0.3570

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.



26.0788, 0.3832, 0.3812



26.0788, 0.2416, 0.2972



26.0788, 0.3735, 0.3216

Square

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



26.0788, 0.2416, 0.2972



26.0788, 0.3008, 0.2733



26.0788, 0.3895, 0.3532



26.0788, 0.3208, 0.3938

Rectangle

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



26.0788, 0.2416, 0.2972



26.0788, 0.2581, 0.2669



26.0788, 0.3895, 0.3532



26.0788, 0.3679, 0.3938

Sweetspot

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



26.0798, 0.2416, 0.2972



61.2467, 0.2898, 0.3207



30.3269, 0.2939, 0.4561



13.4876, 0.2868, 0.3195



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.0798, 0.2416, 0.2972



43.2073, 0.2297, 0.2889



15.1996, 0.2264, 0.2183



8.2586, 0.2987, 0.3241



14.7677, 0.2058, 0.2608



0.4250, 0.2127, 0.2857

Inverse Universe

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



16.4166, 0.3428, 0.2309



24.8017, 0.3516, 0.2131



28.0169, 0.4036, 0.4180



7.6390, 0.3168, 0.3114



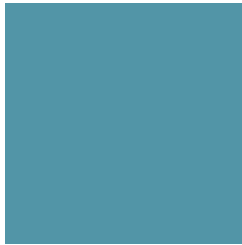
7.5619, 0.3817, 0.1876



0.1906, 0.3582, 0.1747

Previews

White Background



This preview shows how the Yxy color 26.0788, 0.2416, 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 26.0788, 0.2416, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

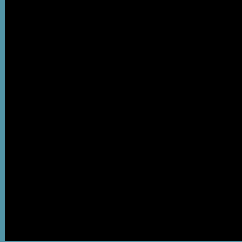
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0788, 0.2416, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 26.0788, 0.2416, 0.2972.



This preview shows how white text looks on a background with the Yxy color 26.0788, 0.2416, 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

26.0788, 0.2416, 0.2972

Protanopia

25.8659, 0.2883, 0.2933

Deuteranopia

25.8290, 0.2811, 0.2753



Tritanopia

26.1268, 0.2440, 0.3074

Trichromacy



Original Color

26.0788, 0.2416, 0.2972

Protanomaly

25.7033, 0.2682, 0.2935

Deuteranomaly

25.6962, 0.2641, 0.2825

Tritanomaly

26.2424, 0.2433, 0.3040

Monochromacy



Original Color

26.0788, 0.2416, 0.2972

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.7013, 0.2810, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0788, 0.2416, 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(82, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(82, 149, 167)  
}
```

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(82, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 149, 167) }
```

Border

The CSS property to change the border of an element to Yxy 26.0788, 0.2416, 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(82, 149, 167) }
```

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

```
.border{ border-color:rgb(82, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 149, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 149, 167);  
box-shadow:4px 4px 4px 4px rgb(82, 149,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0788, 0.2416, 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(82, 149, 167) }
```

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

```
.background{ background-color: rgb(82, 149,  
167) }
```

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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