

Converting Colors

$Y_{xy}(26.1879, 0.2792, 0.4026)$

Have a look what the booklet for
Yxy(26.1879, 0.2792, 0.4026)
contains.

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Color

Yxy(26.1215, 0.2792, 0.4029)

Conversions

Conversions Part 1

Format	Color
Hex	519A74
RGB	81, 154, 116
RGB Percent	32%, 60%, 45%
CMY	0.6823, 0.3961, 0.5451
CMYK	0.47, 0.00, 0.25, 0.40
HSL	149°, 31%, 46%
HSV	149°, 47%, 60%
XYZ	18.1016, 26.1215, 20.6106
YIQ	127.8410, -31.3100, -27.2940

Conversions

Conversions Part 2

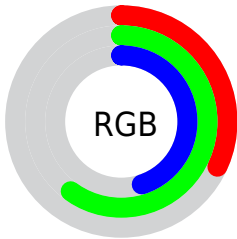
Format	Color
R_{YB}	81, 130, 154
Decimal	5347956
CIE _{Lab}	58.15, -31.95, 13.01
CIE _{LCh}	58, 34.499, 157.839
Yxy	26.1215, 0.2792, 0.4029
Android (android.graphics.Color)	4283538036 (0xFF519A74)
YUV	127.8410, -5.8376, -41.0796
Hunter-Lab	51.1092, -26.2210, 11.8668

Details

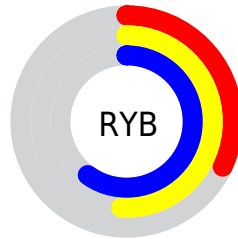
The Yxy color **26.1215, 0.2792, 0.4029** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.0881, 0.3710, 0.2667**, and the grayscale version is **21.5581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4964, 0.2867, 0.3863**, and **10.1268, 0.2646, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **25.3390, 0.2746, 0.4221**, and if you desaturate by 10%, it is **27.0766, 0.2850, 0.3847**.

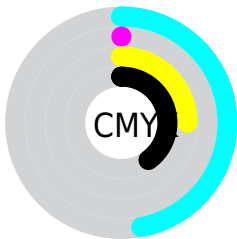
Distribution



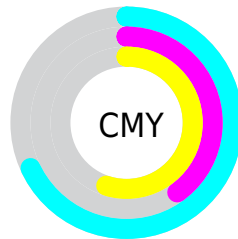
- Red (32%)
- Green (60%)
- Blue (45%)



- Red (32%)
- Yellow (51%)
- Blue (60%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)





- Cyan (68%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1215, 0.2792, 0.4029 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 26.1215, 0.2792, 0.4029 by changing the saturation by 10% instead.


 26.1215, 0.2792,
0.4029


 26.1215, 0.2792,
0.4029


283.3780, 0.2984,
0.3606


 16.9146, 0.2734,
0.4157


 53.4709, 0.2869,
0.3860

 10.1736, 0.2651,
0.4338


 72.3821, 0.2895,
0.3802


 5.5142, 0.2526,
0.4612

 95.2969, 0.2917,
0.3754

 2.5520, 0.2315,
0.5074

 122.5997, 0.2935,
0.3714

 0.9026, 0.0739,
0.8570

 154.6747, 0.2950,
0.3681

 0.0000, 0.0000,
0.0000

191.9066, 0.2963,

0.3653

234.6795, 0.2974,
0.3628

■ 26.1215, 0.2792,
0.4029

■ 26.1215, 0.2792,
0.4029

■ 25.3390, 0.2746,
0.4221

■ 27.0766, 0.2850,
0.3847

■ 24.7148, 0.2715,
0.4420

■ 28.2110, 0.2918,
0.3678

■ 24.2377, 0.2702,
0.4621


■ 29.5349, 0.2992,
0.3524


■ 23.8936, 0.2708,
0.4817

■ 31.0570, 0.3069,
0.3384

■ 23.6584, 0.2730,
0.5005

■ 32.7851, 0.3148,
0.3259

 23.6041, 0.2737,
0.5052

 34.7269, 0.3226,
0.3148

 36.8895, 0.3303,
0.3050

 39.2797, 0.3378,
0.2964

 41.9042, 0.3450,
0.2889

Harmonies

Analogous

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



26.1215, 0.3358, 0.4339



26.1215, 0.2792, 0.4029



26.1215, 0.2342, 0.3460

Triad

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



26.1215, 0.2792, 0.4029



26.1215, 0.2359, 0.2376



26.1215, 0.4266, 0.3512

Complementary

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



26.1215, 0.2792, 0.4029



14.0881, 0.3710, 0.2667

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.



26.1215, 0.3952, 0.3065



26.1215, 0.2792, 0.4029



26.1215, 0.2813, 0.2441

Square

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



26.1215, 0.2792, 0.4029



26.1215, 0.2116, 0.2522



26.1215, 0.3399, 0.2687



26.1215, 0.4233, 0.3951

Rectangle

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



26.1215, 0.2792, 0.4029



26.1215, 0.2159, 0.3069



26.1215, 0.3399, 0.2687



26.1215, 0.4198, 0.3360

Sweetspot

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



26.1226, 0.2792, 0.4029



54.4737, 0.3015, 0.3478



27.6948, 0.3434, 0.4577



12.2080, 0.3000, 0.3508



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.



26.1226, 0.2792, 0.4029



45.9347, 0.2743, 0.4236



27.1145, 0.2530, 0.3332



6.9724, 0.3055, 0.3408



19.2374, 0.2733, 0.5038



0.2949, 0.2516, 0.4259

Inverse Universe

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



14.0881, 0.3710, 0.2667



21.3234, 0.3911, 0.2542



13.3874, 0.4337, 0.3253



6.2737, 0.3206, 0.3175



6.0784, 0.4828, 0.2433



0.0982, 0.4006, 0.1980

Previews

White Background



This preview shows how the Yxy color 26.1215, 0.2792, 0.4029 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 26.1215, 0.2792, 0.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

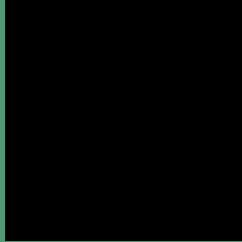
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1215, 0.2792, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 26.1215, 0.2792, 0.4029.



This preview shows how white text looks on a background with the Yxy color 26.1215, 0.2792, 0.4029.

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

26.1215, 0.2792, 0.4029

Protanopia

25.8653, 0.3546, 0.3789

Deuteranopia

25.7772, 0.3574, 0.3514



Tritanopia

25.9932, 0.2527, 0.3076

Trichromacy



Original Color

26.1215, 0.2792, 0.4029

Protanomaly

25.4015, 0.3227, 0.3865

Deuteranomaly

25.2070, 0.3240, 0.3676

Tritanomaly

25.9010, 0.2620, 0.3399

Monochromacy



Original Color

26.1215, 0.2792, 0.4029

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.7261, 0.2976, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1215, 0.2792, 0.4029 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(81, 154, 116)` looks like.

```
.text, #text, p{  
    color:rgb(81, 154, 116)  
}
```

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(81, 154, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 154, 116) }
```

Border

The CSS property to change the border of an element to Yxy 26.1215, 0.2792, 0.4029 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(81, 154, 116) }
```

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

```
.border{ border-color:rgb(81, 154, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 154, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 154, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 154, 116);  
box-shadow:4px 4px 4px 4px rgb(81, 154,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1215, 0.2792, 0.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 154, 116) }
```

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

```
.background{ background-color: rgb(81, 154,  
116) }
```

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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