

Converting Colors

$Yxy(26.6582, 0.2718, 0.4226)$

Have a look what the booklet for
Yxy(26.6582, 0.2718, 0.4226)
contains.

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Color

$\text{Yxy}(26.6582, 0.2718, 0.4226)$

Conversions

Conversions Part 1

Format	Color
Hex	3F9E6F
RGB	63, 158, 111
RGB Percent	25%, 62%, 44%
CMY	0.7529, 0.3804, 0.5647
CMYK	0.60, 0.00, 0.30, 0.38
HSL	150°, 43%, 43%
HSV	150°, 60%, 62%
XYZ	17.1455, 26.6582, 19.2777
YIQ	124.2370, -41.5330, -34.7570

Conversions

Conversions Part 2

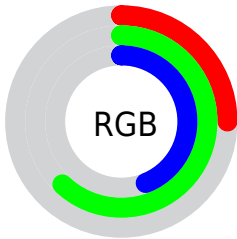
Format	Color
RYB	63, 126, 158
Decimal	4169327
CIELab	58.66, -39.28, 16.41
CIELCh	59, 42.573, 157.321
Yxy	26.6582, 0.2718, 0.4226
Android (android.graphics.Color)	4282359407 (0xFF3F9E6F)
YUV	124.2370, -6.5258, -53.7048
Hunter-Lab	51.6316, -31.0800, 14.0050

Details

The Yxy color **26.6582, 0.2718, 0.4226** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.9508, 0.4001, 0.2558**, and the grayscale version is **20.2721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1548, 0.2810, 0.4004**, and **10.6669, 0.2613, 0.4606** is the 20% darker color. If you saturate the color by 10%, you get **26.0468, 0.2690, 0.4416**, and if you desaturate by 10%, it is **27.4361, 0.2762, 0.4041**.

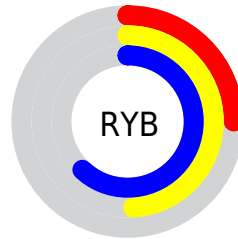
Distribution



Red (25%)

Green (62%)

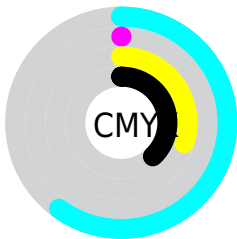
Blue (44%)



Red (25%)

Yellow (49%)

Blue (62%)

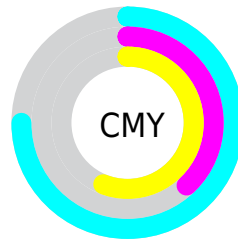


Cyan (60%)

Magenta (0%)

Yellow (30%)

Black (38%)



Cyan (75%)


Magenta (38%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6582, 0.2718, 0.4226 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 26.6582, 0.2718, 0.4226 by changing the saturation by 10% instead.


 26.6582, 0.2718,
0.4226


 26.6582, 0.2718,
0.4226


285.9984, 0.2954,
0.3687


 17.3167, 0.2645,
0.4390


 54.3349, 0.2813,
0.4010


 10.4605, 0.2542,
0.4623


 73.4389, 0.2846,
0.3935

 5.7054, 0.2385,
0.4976

 96.5658, 0.2873,
0.3875

 2.6668, 0.2119,
0.5568

 124.1001, 0.2895,
0.3824

 0.9603, 0.0000,
1.0000

 156.4260, 0.2913,
0.3782

 0.0000, 0.0000,
0.0000

193.9282, 0.2929,

0.3746

236.9908, 0.2943,
0.3715

■ 26.6582, 0.2718,
0.4226

■ 26.6582, 0.2718,
0.4226

■ 26.0468, 0.2690,
0.4416

■ 27.4361, 0.2762,
0.4041

■ 25.5852, 0.2680,
0.4607

■ 28.3893, 0.2820,
0.3866

■ 25.2585, 0.2690,
0.4793

■ 29.5296, 0.2888,
0.3702

■ 25.0314, 0.2714,
0.4970

■ 30.8671, 0.2964,
0.3551

■ 32.4108, 0.3044,
0.3414

■ 34.1696, 0.3126,
0.3291

■ 36.1513, 0.3209,
0.3182

■ 38.3638, 0.3290,
0.3086

■ 40.8144, 0.3370,
0.3000

Harmonies

Analogous

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



26.6582, 0.3400, 0.4597



26.6582, 0.2718, 0.4226



26.6582, 0.2183, 0.3502

Triad

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



26.6582, 0.2718, 0.4226



26.6582, 0.2197, 0.2198



26.6582, 0.4519, 0.3522

Complementary

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



26.6582, 0.2718, 0.4226



11.9508, 0.4001, 0.2558

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.



26.6582, 0.4128, 0.3001



26.6582, 0.2718, 0.4226



26.6582, 0.2728, 0.2277

Square

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



26.6582, 0.2718, 0.4226



26.6582, 0.1919, 0.2362



26.6582, 0.3440, 0.2562



26.6582, 0.4470, 0.4051

Rectangle

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



26.6582, 0.2718, 0.4226



26.6582, 0.1969, 0.3015



26.6582, 0.3440, 0.2562



26.6582, 0.4435, 0.3343

Sweetspot

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



26.6593, 0.2718, 0.4226



56.5214, 0.2978, 0.3526



28.1612, 0.3449, 0.4951



12.5787, 0.2956, 0.3565



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.6593, 0.2718, 0.4226



46.9947, 0.2685, 0.4479



27.9805, 0.2403, 0.3288



7.4542, 0.3051, 0.3403



20.0545, 0.2710, 0.4956



0.3671, 0.2511, 0.4240

Inverse Universe

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



11.9508, 0.4001, 0.2558



17.8604, 0.4307, 0.2463



11.1836, 0.4943, 0.3295



6.6981, 0.3211, 0.3180



6.2725, 0.4938, 0.2494



0.1207, 0.4112, 0.2039

Previews

White Background



This preview shows how the Yxy color 26.6582, 0.2718, 0.4226 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 26.6582, 0.2718, 0.4226 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 26.6582, 0.2718, 0.4226

Background



This preview shows how black text looks on a background with the Yxy color 26.6582, 0.2718, 0.4226.



This preview shows how white text looks on a background with the Yxy color 26.6582, 0.2718, 0.4226.

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

26.6582, 0.2718, 0.4226

Protanopia

26.2195, 0.3630, 0.3900

Deuteranopia

26.2703, 0.3651, 0.3590



Tritanopia

26.5190, 0.2430, 0.3058

Trichromacy



Original Color

26.6582, 0.2718, 0.4226



Protanomaly

25.7596, 0.3215, 0.4038



Deuteranomaly

25.2954, 0.3231, 0.3808



Tritanomaly

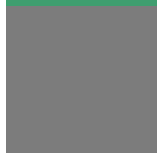
26.6114, 0.2531, 0.3456

Monochromacy



Original Color

26.6582, 0.2718, 0.4226



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

21.7650, 0.2930, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6582, 0.2718, 0.4226 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(63, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(63, 158, 111)  
}
```

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(63, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 158, 111) }
```

Border

The CSS property to change the border of an element to Yxy 26.6582, 0.2718, 0.4226 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(63, 158, 111) }
```

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

```
.border{ border-color:rgb(63, 158, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 158, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(63, 158,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6582, 0.2718, 0.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 158, 111) }
```

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

```
.background{ background-color: rgb(63, 158,  
111) }
```

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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