

Converting Colors

$Yxy(26.0908, 0.2734, 0.3956)$

Have a look what the booklet for
Yxy(26.0908, 0.2734, 0.3956)
contains.

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Color

$Y_{xy}(26.0450, 0.2732, 0.3952)$

Conversions

Conversions Part 1

Format	Color
Hex	4D9A78
RGB	77, 154, 120
RGB Percent	30%, 60%, 47%
CMY	0.6982, 0.3961, 0.5293
CMYK	0.50, 0.00, 0.22, 0.40
HSL	154°, 33%, 45%
HSV	154°, 50%, 60%
XYZ	18.0048, 26.0450, 21.8535
YIQ	127.1010, -34.9780, -26.8980

Conversions

Conversions Part 2

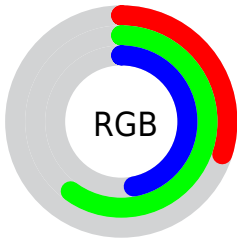
Format	Color
RYB	77, 126, 154
Decimal	5085816
CIELab	58.08, -32.15, 10.63
CIElCh	58, 33.862, 161.713
Yxy	26.0450, 0.2732, 0.3952
Android (android.graphics.Color)	4283275896 (0xFF4D9A78)
YUV	127.1010, -3.5008, -43.9386
Hunter-Lab	51.0343, -26.3356, 10.3353

Details

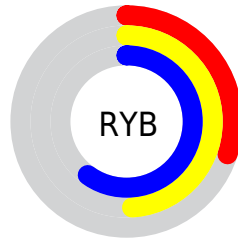
The Yxy color **26.0450, 0.2732, 0.3952** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.3195, 0.3864, 0.2731**, and the grayscale version is **21.2789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4048, 0.2824, 0.3807**, and **10.0863, 0.2578, 0.4236** is the 20% darker color. If you saturate the color by 10%, you get **25.3207, 0.2683, 0.4115**, and if you desaturate by 10%, it is **26.9348, 0.2795, 0.3797**.

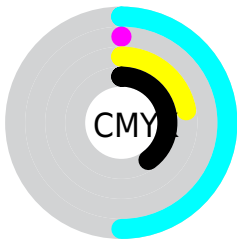
Distribution



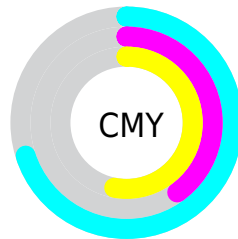
- Red (30%)
- Green (60%)
- Blue (47%)



- Red (30%)
- Yellow (49%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)




- Cyan (70%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0450, 0.2732, 0.3952 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 26.0450, 0.2732, 0.3952 by changing the saturation by 10% instead.


 26.0450, 0.2732,
0.3952


 26.0450, 0.2732,
0.3952

283.0029, 0.2955,
0.3575


 16.8573, 0.2666,
0.4066


 53.3475, 0.2820,
0.3802


 10.1328, 0.2573,
0.4226


 72.2312, 0.2851,
0.3749


 5.4871, 0.2435,
0.4468

 95.1156, 0.2876,
0.3707

 2.5358, 0.2208,
0.4874

 122.3851, 0.2897,
0.3672

 0.8945, 0.0548,
0.7511

 154.4242, 0.2915,
0.3642

 0.0000, 0.0000,
0.0000

191.6173, 0.2930,

0.3616

234.3487, 0.2944,
0.3594

■ 26.0450, 0.2732,
0.3952

■ 26.0450, 0.2732,
0.3952

■ 25.3207, 0.2683,
0.4115

■ 26.9348, 0.2795,
0.3797

■ 24.7475, 0.2650,
0.4283

■ 27.9969, 0.2869,
0.3653

■ 24.3140, 0.2636,
0.4452

■ 29.2416, 0.2951,
0.3520

■ 24.0055, 0.2642,
0.4620

■ 30.6775, 0.3037,
0.3399

■ 23.7864, 0.2662,
0.4782

■ 32.3126, 0.3127,
0.3290

■ 34.1543, 0.3217,
0.3193

■ 36.2098, 0.3307,
0.3107

■ 38.4860, 0.3394,
0.3031

■ 40.9892, 0.3479,
0.2964

Harmonies

Analogous

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



26.0450, 0.3282, 0.4301



26.0450, 0.2732, 0.3952



26.0450, 0.2312, 0.3380

Triad

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



26.0450, 0.2732, 0.3952



26.0450, 0.2419, 0.2387



26.0450, 0.4262, 0.3568

Complementary

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



26.0450, 0.2732, 0.3952



13.3195, 0.3864, 0.2731

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.



26.0450, 0.3994, 0.3124



26.0450, 0.2732, 0.3952



26.0450, 0.2888, 0.2477

Square

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



26.0450, 0.2732, 0.3952



26.0450, 0.2150, 0.2504



26.0450, 0.3471, 0.2739



26.0450, 0.4186, 0.3992

Rectangle

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



26.0450, 0.2732, 0.3952



26.0450, 0.2152, 0.3006



26.0450, 0.3471, 0.2739



26.0450, 0.4210, 0.3418

Sweetspot

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



26.0461, 0.2732, 0.3952



54.3035, 0.2991, 0.3461



27.0692, 0.3378, 0.4683



12.1774, 0.2974, 0.3485



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.



26.0461, 0.2732, 0.3952



45.8565, 0.2678, 0.4134



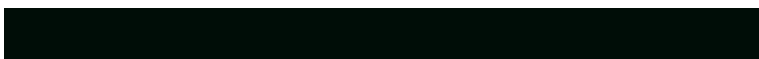
25.7714, 0.2475, 0.3218



6.9805, 0.3045, 0.3390



19.3849, 0.2658, 0.4770



0.2971, 0.2465, 0.4073

Inverse Universe

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



13.3195, 0.3864, 0.2731



20.0210, 0.4125, 0.2629



13.2631, 0.4454, 0.3357



6.2657, 0.3218, 0.3192



5.9435, 0.5157, 0.2614



0.0960, 0.4208, 0.2092

Previews

White Background



This preview shows how the Yxy color 26.0450, 0.2732, 0.3952 looks on a white background.

Color Contrast Check

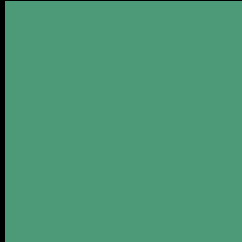
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0450, 0.2732, 0.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

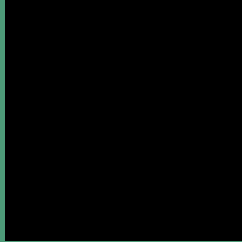
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0450, 0.2732, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 26.0450, 0.2732, 0.3952.



This preview shows how white text looks on a background with the Yxy color 26.0450, 0.2732, 0.3952.

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

26.0450, 0.2732, 0.3952

Protanopia

25.8381, 0.3502, 0.3741

Deuteranopia

25.6735, 0.3504, 0.3451



Tritanopia

26.1428, 0.2495, 0.3076

Trichromacy



Original Color

26.0450, 0.2732, 0.3952

Protanomaly

25.3219, 0.3176, 0.3813

Deuteranomaly

25.0690, 0.3166, 0.3608

Tritanomaly

26.0934, 0.2580, 0.3381

Monochromacy



Original Color

26.0450, 0.2732, 0.3952

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.5978, 0.2955, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0450, 0.2732, 0.3952 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(77, 154, 120)` looks like.

```
.text, #text, p{  
    color:rgb(77, 154, 120)  
}
```

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(77, 154, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 154, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.0450, 0.2732, 0.3952 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(77, 154, 120) }
```

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

```
.border{ border-color:rgb(77, 154, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 154, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 154, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 154, 120);  
box-shadow:4px 4px 4px 4px rgb(77, 154,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0450, 0.2732, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 154, 120) }
```

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

```
.background{ background-color: rgb(77, 154,  
120) }
```

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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