

Converting Colors

$Yxy(26.6417, 0.2560, 0.3488)$

Have a look what the booklet for
Yxy(26.6417, 0.2560, 0.3488)
contains.

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Color

$\text{Yxy}(26.6722, 0.2564, 0.3493)$

Conversions

Conversions Part 1

Format	Color
Hex	4D9A8F
RGB	77, 154, 143
RGB Percent	30%, 60%, 56%
CMY	0.6978, 0.3961, 0.4392
CMYK	0.50, 0.00, 0.07, 0.40
HSL	171°, 33%, 45%
HSV	171°, 50%, 60%
XYZ	19.5784, 26.6722, 30.1084
YIQ	129.7230, -42.3610, -19.7450

Conversions

Conversions Part 2

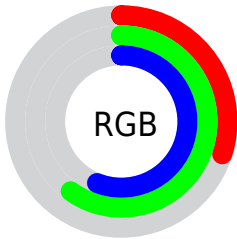
Format	Color
R_{YB}	77, 118, 154
Decimal	5085839
CIE _{Lab}	58.67, -26.56, -1.56
CIE _{LCh}	59, 26.607, 183.356
Yxy	26.6722, 0.2564, 0.3493
Android (android.graphics.Color)	4283275919 (0xFF4D9A8F)
YUV	129.7230, 6.5456, -46.2381
Hunter-Lab	51.6451, -22.7104, 1.5864

Details

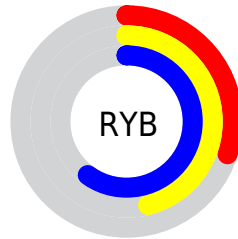
The Yxy color $26.6722, 0.2564, 0.3493$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $12.8911, 0.4283, 0.3111$, and the grayscale version is $22.2138, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4574, 0.2677, 0.3451$, and $10.3864, 0.2358, 0.3546$ is the 20% darker color. If you saturate the color by 10%, you get $26.0402, 0.2490, 0.3541$, and if you desaturate by 10%, it is $27.4593, 0.2654, 0.3447$.

Distribution



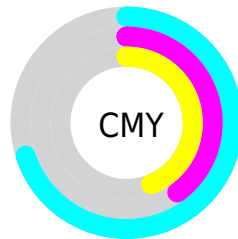
- Red (30%)
- Green (60%)
- Blue (56%)



- Red (30%)
- Yellow (46%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)





- Cyan (70%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6722, 0.2564, 0.3493 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 26.6722, 0.2564, 0.3493 by changing the saturation by 10% instead.


 26.6722, 0.2564,
0.3493


 26.6722, 0.2564,
0.3493

286.0665, 0.2869,
0.3385


 17.3272, 0.2479,
0.3522


 54.3574, 0.2681,
0.3452


 10.4680, 0.2365,
0.3562


 73.4664, 0.2723,
0.3437


 5.7104, 0.2202,
0.3616

 96.5988, 0.2758,
0.3425

 2.6698, 0.1954,
0.3697

 124.1391, 0.2787,
0.3414

 0.9619, 0.1103,
0.4021

 156.4716, 0.2812,
0.3405

 0.0000, 0.0000,
0.0000

193.9807, 0.2834,

0.3397

237.0509, 0.2853,
0.3391

■ 26.6722, 0.2564,
0.3493

■ 26.6722, 0.2564,
0.3493

■ 26.0402, 0.2490,
0.3541

■ 27.4593, 0.2654,
0.3447

■ 25.5492, 0.2434,
0.3590

■ 28.4082, 0.2758,
0.3403

■ 25.1881, 0.2397,
0.3639

■ 29.5288, 0.2873,
0.3362

■ 24.9423, 0.2378,
0.3688

■ 30.8296, 0.2997,
0.3325

■ 24.7764, 0.2372,
0.3737

■ 32.3183, 0.3128,
0.3290

 24.7757, 0.2372,
0.3738

 34.0022, 0.3262,
0.3259

 35.8882, 0.3397,
0.3231

 37.9830, 0.3531,
0.3206

 40.2929, 0.3664,
0.3184

Harmonies

Analogous

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



26.6722, 0.2940, 0.3894



26.6722, 0.2564, 0.3493



26.6722, 0.2345, 0.3057

Triad

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



26.6722, 0.2564, 0.3493



26.6722, 0.2827, 0.2603



26.6722, 0.4000, 0.3773

Complementary

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



26.6722, 0.2564, 0.3493



12.8911, 0.4283, 0.3111

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.



26.6722, 0.3978, 0.3425



26.6722, 0.2564, 0.3493



26.6722, 0.3272, 0.2780

Square

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



26.6722, 0.2564, 0.3493



26.6722, 0.2488, 0.2580



26.6722, 0.3704, 0.3072



26.6722, 0.3775, 0.4030

Rectangle

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



26.6722, 0.2564, 0.3493



26.6722, 0.2306, 0.2823



26.6722, 0.3704, 0.3072



26.6722, 0.4022, 0.3663

Sweetspot

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



26.6732, 0.2564, 0.3493



54.7050, 0.2930, 0.3344



25.7502, 0.3154, 0.4783



12.2791, 0.2906, 0.3352



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.



26.6732, 0.2564, 0.3493



47.1833, 0.2482, 0.3547



19.1095, 0.2391, 0.2770



7.0114, 0.3007, 0.3322



20.1911, 0.2371, 0.3734



0.3055, 0.2310, 0.3515

Inverse Universe

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



12.8911, 0.4283, 0.3111



19.1812, 0.4716, 0.3085



17.3043, 0.4240, 0.3741



6.2363, 0.3262, 0.3258



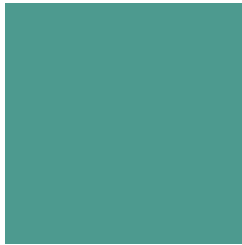
5.6478, 0.6169, 0.3172



0.0877, 0.5383, 0.2739

Previews

White Background



This preview shows how the Yxy color 26.6722, 0.2564, 0.3493 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 26.6722, 0.2564, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

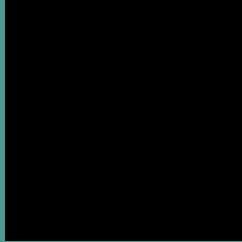
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6722, 0.2564, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 26.6722, 0.2564, 0.3493.

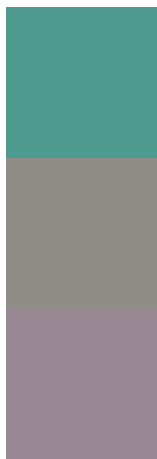


This preview shows how white text looks on a background with the Yxy color 26.6722, 0.2564, 0.3493.

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

26.6722, 0.2564, 0.3493

Protanopia

26.4347, 0.3222, 0.3373

Deuteranopia

26.2942, 0.3180, 0.3116



Tritanopia

26.6166, 0.2455, 0.3076

Trichromacy



Original Color

26.6722, 0.2564, 0.3493

Protanomaly

26.0788, 0.2938, 0.3412

Deuteranomaly

26.0053, 0.2904, 0.3238

Tritanomaly

26.6061, 0.2493, 0.3216

Monochromacy



Original Color

26.6722, 0.2564, 0.3493

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.5940, 0.2873, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6722, 0.2564, 0.3493 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(77, 154, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 154, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.6722, 0.2564, 0.3493 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, 143) }
```

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

```
.border{ border-color:rgb(77, 154, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(77, 154,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6722, 0.2564, 0.3493 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, 143) }
```

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

```
.background{ background-color: rgb(77, 154,  
143) }
```

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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