

Converting Colors

$Y_{xy}(25.7794, 0.2674, 0.3734)$

Have a look what the booklet for
Yxy(25.7794, 0.2674, 0.3734)
contains.

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Color

$Y_{xy}(25.7037, 0.2674, 0.3732)$

Conversions

Conversions Part 1

Format	Color
Hex	4F9881
RGB	79, 152, 129
RGB Percent	31%, 60%, 51%
CMY	0.6900, 0.4039, 0.4942
CMYK	0.48, 0.00, 0.15, 0.40
HSL	161°, 32%, 45%
HSV	161°, 48%, 60%
XYZ	18.4169, 25.7037, 24.7532
YIQ	127.5510, -36.1250, -22.6290

Conversions

Conversions Part 2

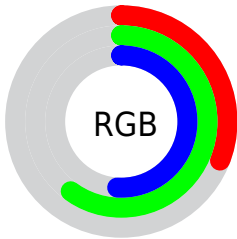
Format	Color
RYB	79, 122, 152
Decimal	5216385
CIELab	57.75, -28.58, 5.10
CIElCh	58, 29.028, 169.882
Yxy	25.7037, 0.2674, 0.3732
Android (android.graphics.Color)	4283406465 (0xFF4F9881)
YUV	127.5510, 0.7144, -42.5792
Hunter-Lab	50.6988, -23.8810, 6.5414

Details

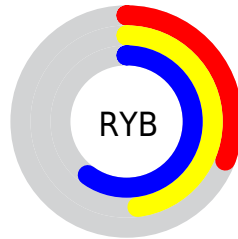
The Yxy color **25.7037, 0.2674, 0.3732** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.2343, 0.3983, 0.2904**, and the grayscale version is **21.4335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9896, 0.2773, 0.3635**, and **9.8641, 0.2498, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **25.0008, 0.2611, 0.3844**, and if you desaturate by 10%, it is **26.5637, 0.2751, 0.3626**.

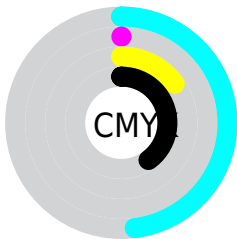
Distribution



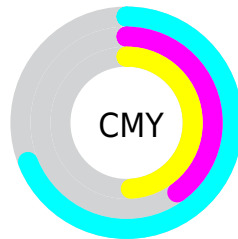
- Red (31%)
- Green (60%)
- Blue (51%)



- Red (31%)
- Yellow (48%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7037, 0.2674, 0.3732 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 25.7037, 0.2674, 0.3732 by changing the saturation by 10% instead.

■ 25.7037, 0.2674,
0.3732

■ 25.7037, 0.2674,
0.3732

■ 281.3245, 0.2925,
0.3484

■ 16.6021, 0.2602,
0.3805

■ 52.7966, 0.2772,
0.3634

■ 9.9512, 0.2502,
0.3907

■ 71.5566, 0.2807,
0.3600

■ 5.3666, 0.2357,
0.4060

■ 94.3049, 0.2835,
0.3572

■ 2.4639, 0.2126,
0.4310

■ 121.4259, 0.2859,
0.3548

■ 0.8585, 0.0761,
0.5521

■ 153.3040, 0.2879,
0.3528

■ 0.0000, 0.0000,
0.0000

190.3235, 0.2897,

0.3511

232.8689, 0.2912,
0.3497

■ 25.7037, 0.2674,
0.3732

■ 25.7037, 0.2674,
0.3732

■ 25.0008, 0.2611,
0.3844

■ 26.5637, 0.2751,
0.3626

■ 24.4415, 0.2564,
0.3959

■ 27.5871, 0.2840,
0.3527

■ 24.0153, 0.2537,
0.4077

■ 28.7837, 0.2938,
0.3435

■ 23.7084, 0.2528,
0.4195

■ 30.1613, 0.3042,
0.3351

■ 23.4957, 0.2536,
0.4312


■ 31.7275, 0.3149,
0.3275

 23.4564, 0.2538,
0.4336

 33.4895, 0.3257,
0.3208

 35.4539, 0.3366,
0.3147

 37.6271, 0.3472,
0.3094

 40.0152, 0.3576,
0.3047

Harmonies

Analogous

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



25.7037, 0.3134, 0.4098



25.7037, 0.2674, 0.3732



25.7037, 0.2351, 0.3238

Triad

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



25.7037, 0.2674, 0.3732



25.7037, 0.2609, 0.2504



25.7037, 0.4117, 0.3649

Complementary

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



25.7037, 0.2674, 0.3732



13.2343, 0.3983, 0.2904

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.



25.7037, 0.3962, 0.3256



25.7037, 0.2674, 0.3732



25.7037, 0.3057, 0.2627

Square

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



25.7037, 0.2674, 0.3732



25.7037, 0.2318, 0.2560



25.7037, 0.3561, 0.2894



25.7037, 0.3981, 0.3993

Rectangle

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



25.7037, 0.2674, 0.3732



25.7037, 0.2245, 0.2937



25.7037, 0.3561, 0.2894



25.7037, 0.4098, 0.3519

Sweetspot

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



25.7047, 0.2674, 0.3732



51.6745, 0.2976, 0.3403



25.8546, 0.3272, 0.4664



11.6377, 0.2956, 0.3420



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.7047, 0.2674, 0.3732



44.0057, 0.2605, 0.3857



22.2876, 0.2462, 0.3036



6.9934, 0.3029, 0.3361



19.6739, 0.2536, 0.4328



0.3006, 0.2393, 0.3816

Inverse Universe

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



13.2343, 0.3983, 0.2904



19.2054, 0.4305, 0.2831



14.9678, 0.4286, 0.3520



6.2532, 0.3236, 0.3220



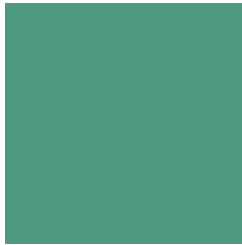
5.7809, 0.5652, 0.2887



0.0925, 0.4603, 0.2309

Previews

White Background



This preview shows how the Yxy color 25.7037, 0.2674, 0.3732 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 25.7037, 0.2674, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

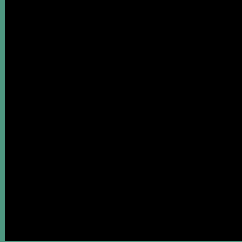
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7037, 0.2674, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 25.7037, 0.2674, 0.3732.

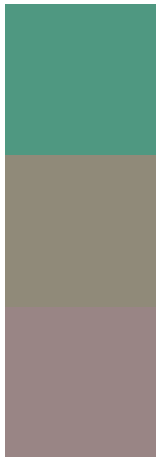


This preview shows how white text looks on a background with the Yxy color 25.7037, 0.2674, 0.3732.

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

25.7037, 0.2674, 0.3732

Protanopia

25.4867, 0.3373, 0.3576

Deuteranopia

25.2408, 0.3358, 0.3291



Tritanopia

25.7926, 0.2499, 0.3075

Trichromacy



Original Color

25.7037, 0.2674, 0.3732

Protanomaly

25.0932, 0.3069, 0.3632

Deuteranomaly

24.8577, 0.3056, 0.3430

Tritanomaly

25.5961, 0.2559, 0.3288

Monochromacy



Original Color

25.7037, 0.2674, 0.3732

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.7648, 0.2927, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7037, 0.2674, 0.3732 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(79, 152, 129)` looks like.

```
.text, #text, p{  
    color:rgb(79, 152, 129)  
}
```

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(79, 152, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 152, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.7037, 0.2674, 0.3732 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(79, 152, 129) }
```

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

```
.border{ border-color:rgb(79, 152, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 152, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 152, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 152, 129);  
box-shadow:4px 4px 4px 4px rgb(79, 152,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7037, 0.2674, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 152, 129) }
```

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

```
.background{ background-color: rgb(79, 152,  
129) }
```

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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