

Converting Colors

$Y_{xy}(25.0099, 0.2975, 0.3505)$

Have a look what the booklet for
Yxy(25.0099, 0.2975, 0.3505)
contains.

Yxy(25.0655, 0.2972, 0.3505)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(25.0655, 0.2972, 0.3505)$

Conversions

Conversions Part 1

Format	Color
Hex	758F83
RGB	117, 143, 131
RGB Percent	46%, 56%, 51%
CMY	0.5413, 0.4392, 0.4862
CMYK	0.18, 0.00, 0.08, 0.44
HSL	152°, 10%, 51%
HSV	152°, 18%, 56%
XYZ	21.2538, 25.0655, 25.1942
YIQ	133.8580, -11.6440, -9.2440

Conversions

Conversions Part 2

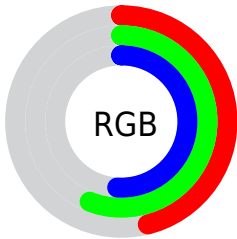
Format	Color
R_{YB}	117, 134, 143
Decimal	7704451
CIE Lab	57.14, -11.77, 3.32
CIE LCh	57, 12.229, 164.260
Yxy	25.0655, 0.2972, 0.3505
Android (android.graphics.Color)	4285894531 (0xFF758F83)
YUV	133.8580, -1.4090, -14.7845
Hunter-Lab	50.0655, -11.8376, 5.2096

Details

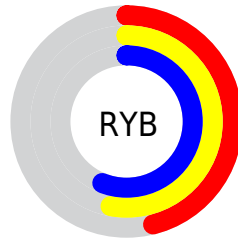
The Yxy color $25.0655, 0.2972, 0.3505$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.1427, 0.3315, 0.3085$, and the grayscale version is $23.7932, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8282, 0.3003, 0.3460$, and $9.6668, 0.2905, 0.3590$ is the 20% darker color. If you saturate the color by 10%, you get $23.9775, 0.2892, 0.3641$, and if you desaturate by 10%, it is $26.3183, 0.3056, 0.3382$.

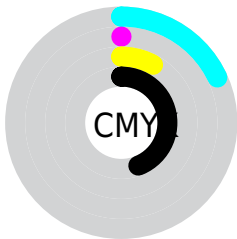
Distribution



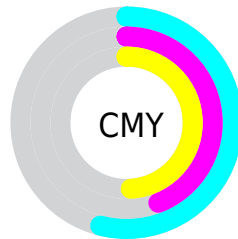
- Red (46%)
- Green (56%)
- Blue (51%)



- Red (46%)
- Yellow (53%)
- Blue (56%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)





- Cyan (54%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0655, 0.2972, 0.3505 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 25.0655, 0.2972, 0.3505 by changing the saturation by 10% instead.


 25.0655, 0.2972,
0.3505


 25.0655, 0.2972,
0.3505


278.1640, 0.3058,
0.3385

 16.1259, 0.2947,
0.3540


 51.7635, 0.3006,
0.3458

 9.6133, 0.2912,
0.3589


 70.2906, 0.3018,
0.3441

 5.1433, 0.2861,
0.3662

 92.7823, 0.3028,
0.3428

 2.3316, 0.2777,
0.3782

119.6230, 0.3036,
0.3416

 0.7904, 0.2464,
0.4198

151.1972, 0.3043,
0.3407

 0.0000, 0.0000,
0.0000

187.8891, 0.3049,

0.3398

230.0833, 0.3054,
0.3391

■ 25.0655, 0.2972,
0.3505

■ 25.0655, 0.2972,
0.3505

■ 23.9775, 0.2892,
0.3641

■ 26.3183, 0.3056,
0.3382

■ 23.0442, 0.2819,
0.3789

■ 27.7393, 0.3143,
0.3271

■ 22.2589, 0.2756,
0.3948

■ 29.3359, 0.3230,
0.3172

■ 21.6134, 0.2705,
0.4116

■ 31.1140, 0.3315,
0.3085

■ 21.0986, 0.2671,
0.4290

■ 33.0791, 0.3399,
0.3008

■ 20.7044, 0.2654,
0.4466

■ 35.2368, 0.3480,
0.2940

■ 20.4188, 0.2656,
0.4641

■ 37.5922, 0.3557,
0.2881

■ 20.2177, 0.2675,
0.4810

■ 40.1501, 0.3631,
0.2829

■ 20.1841, 0.2678,
0.4841

■ 42.9156, 0.3701,
0.2784

Harmonies

Analogous

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



25.0655, 0.3180, 0.3633



25.0655, 0.2972, 0.3505



25.0655, 0.2809, 0.3316

Triad

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



25.0655, 0.2972, 0.3505



25.0655, 0.2873, 0.2938



25.0655, 0.3541, 0.3431

Complementary

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



25.0655, 0.2972, 0.3505



20.1427, 0.3315, 0.3085

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.



25.0655, 0.3454, 0.3253



25.0655, 0.2972, 0.3505



25.0655, 0.3063, 0.2975

Square

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



25.0655, 0.2972, 0.3505



25.0655, 0.2754, 0.2991



25.0655, 0.3277, 0.3088



25.0655, 0.3513, 0.3581

Rectangle

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



25.0655, 0.2972, 0.3505



25.0655, 0.2746, 0.3186



25.0655, 0.3277, 0.3088



25.0655, 0.3524, 0.3373

Sweetspot

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



25.0665, 0.2972, 0.3505



47.8813, 0.3083, 0.3346



25.6079, 0.3236, 0.3748



10.9445, 0.3078, 0.3353



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.0665, 0.2972, 0.3505



44.0189, 0.2937, 0.3561



25.1514, 0.2862, 0.3274



6.0749, 0.3048, 0.3393



17.8490, 0.2676, 0.4833



0.1751, 0.2471, 0.4097

Inverse Universe

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



20.1427, 0.3315, 0.3085



33.4519, 0.3369, 0.3034



20.0454, 0.3463, 0.3306



5.4628, 0.3214, 0.3189



5.5144, 0.5067, 0.2565



0.0571, 0.4134, 0.2051

Previews

White Background



This preview shows how the Yxy color 25.0655, 0.2972, 0.3505 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 25.0655, 0.2972, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

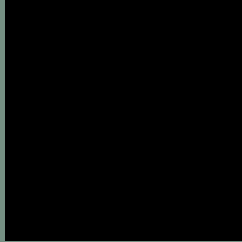
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0655, 0.2972, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 25.0655, 0.2972, 0.3505.

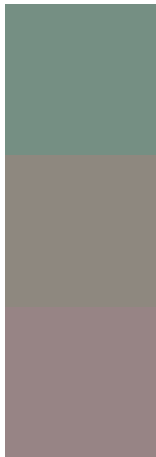


This preview shows how white text looks on a background with the Yxy color 25.0655, 0.2972, 0.3505.

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

25.0655, 0.2972, 0.3505

Protanopia

24.8914, 0.3290, 0.3442

Deuteranopia

24.7753, 0.3337, 0.3274



Tritanopia

25.0555, 0.2827, 0.3100

Trichromacy



Original Color

25.0655, 0.2972, 0.3505

Protanomaly

25.0103, 0.3173, 0.3480

Deuteranomaly

24.7632, 0.3202, 0.3358

Tritanomaly

25.0564, 0.2881, 0.3237

Monochromacy



Original Color

25.0655, 0.2972, 0.3505

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.1740, 0.3069, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0655, 0.2972, 0.3505 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(117, 143, 131)` looks like.

```
.text, #text, p{  
    color:rgb(117, 143, 131)  
}
```

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(117, 143, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 143, 131) }
```

Border

The CSS property to change the border of an element to Yxy 25.0655, 0.2972, 0.3505 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(117, 143, 131) }
```

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

```
.border{ border-color:rgb(117, 143, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 143, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 143, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 143, 131);  
box-shadow:4px 4px 4px 4px rgb(117, 143,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0655, 0.2972, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 143, 131) }
```

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

```
.background{ background-color: rgb(117,  
143, 131) }
```

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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