

Converting Colors

$Y_{xy}(25.1273, 0.2538, 0.3016)$

Have a look what the booklet for
Yxy(25.1273, 0.2538, 0.3016)
contains.

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Color

$Y_{xy}(25.2218, 0.2540, 0.3023)$

Conversions

Conversions Part 1

Format	Color
Hex	5F91A0
RGB	95, 145, 160
RGB Percent	37%, 57%, 63%
CMY	0.6274, 0.4314, 0.3725
CMYK	0.41, 0.09, 0.00, 0.37
HSL	194°, 25%, 50%
HSV	194°, 41%, 63%
XYZ	21.1920, 25.2218, 37.0192
YIQ	131.7600, -34.6150, -5.9350

Conversions

Conversions Part 2

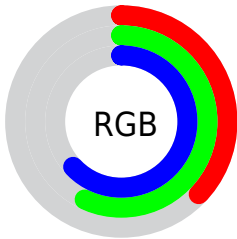
Format	Color
R_{YB}	95, 123, 160
Decimal	6263200
CIE _{Lab}	57.29, -12.72, -13.23
CIE _{LCh}	57, 18.349, 226.118
Yxy	25.2218, 0.2540, 0.3023
Android (android.graphics.Color)	4284453280 (0xFF5F91A0)
YUV	131.7600, 13.9223, -32.2385
Hunter-Lab	50.2213, -12.5653, -8.5490

Details

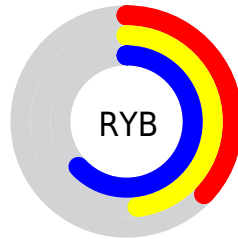
The Yxy color **25.2218, 0.2540, 0.3023** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.4616, 0.4025, 0.3537**, and the grayscale version is **22.9433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0490, 0.2658, 0.3081**, and **9.6231, 0.2330, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **23.3401, 0.2415, 0.2945**, and if you desaturate by 10%, it is **27.3183, 0.2676, 0.3097**.

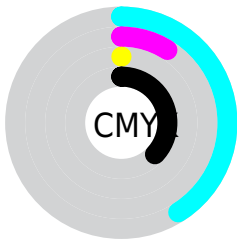
Distribution



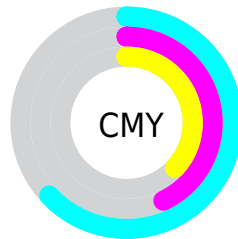
- Red (37%)
- Green (57%)
- Blue (63%)



- Red (37%)
- Yellow (48%)
- Blue (63%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)





- Cyan (63%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2218, 0.2540, 0.3023 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 25.2218, 0.2540, 0.3023 by changing the saturation by 10% instead.


 25.2218, 0.2540,
0.3023


 25.2218, 0.2540,
0.3023


278.9407, 0.2857,
0.3175


 16.2424, 0.2453,
0.2978


 52.0168, 0.2661,
0.3083

 9.6958, 0.2335,
0.2915


 70.6012, 0.2705,
0.3104

 5.1978, 0.2169,
0.2821

 93.1560, 0.2741,
0.3122

 2.3638, 0.1920,
0.2668

 120.0657, 0.2772,
0.3136

 0.8071, 0.1370,
0.2421

151.7146, 0.2798,
0.3148

 0.0000, 0.0000,
0.0000

188.4872, 0.2820,

0.3158

230.7677, 0.2840,
0.3167

■ 25.2218, 0.2540,
0.3023

■ 25.2218, 0.2540,
0.3023

■ 23.3401, 0.2415,
0.2945

■ 27.3183, 0.2676,
0.3097

■ 21.6590, 0.2305,
0.2864

■ 29.6369, 0.2819,
0.3165

■ 20.1672, 0.2211,
0.2781

■ 32.1882, 0.2967,
0.3229

■ 18.8505, 0.2135,
0.2697

■ 34.9810, 0.3118,
0.3287

■ 17.6926, 0.2078,
0.2613

■ 38.0237, 0.3268,
0.3339

■ 16.7154, 0.2038,
0.2535

■ 41.3244, 0.3416,
0.3385

■ 44.8905, 0.3560,
0.3427

■ 48.7293, 0.3698,
0.3463

■ 52.8478, 0.3832,
0.3495

Harmonies

Analogous

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



25.2218, 0.2644, 0.3305



25.2218, 0.2540, 0.3023



25.2218, 0.2583, 0.2834

Triad

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



25.2218, 0.2540, 0.3023



25.2218, 0.3368, 0.3006



25.2218, 0.3483, 0.3848

Complementary

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



25.2218, 0.2540, 0.3023



19.4616, 0.4025, 0.3537

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.



25.2218, 0.3696, 0.3730



25.2218, 0.2540, 0.3023



25.2218, 0.3631, 0.3246

Square

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



25.2218, 0.2540, 0.3023



25.2218, 0.3048, 0.2835



25.2218, 0.3752, 0.3507



25.2218, 0.3181, 0.3805

Rectangle

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



25.2218, 0.2540, 0.3023



25.2218, 0.2689, 0.2778



25.2218, 0.3752, 0.3507



25.2218, 0.3568, 0.3824

Sweetspot

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



25.2228, 0.2540, 0.3023



57.6541, 0.2943, 0.3219



28.6892, 0.2962, 0.4236



12.5199, 0.2925, 0.3212



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.



25.2228, 0.2540, 0.3023



42.5869, 0.2424, 0.2951



16.8788, 0.2448, 0.2428



7.2494, 0.2988, 0.3237



13.0858, 0.2040, 0.2543



0.2926, 0.2132, 0.2875

Inverse Universe

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



17.7065, 0.3369, 0.2516



27.5312, 0.3442, 0.2349



27.5303, 0.3824, 0.4020



6.7283, 0.3171, 0.3120



6.9432, 0.3880, 0.1911



0.1301, 0.3566, 0.1738

Previews

White Background



This preview shows how the Yxy color 25.2218, 0.2540, 0.3023 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 25.2218, 0.2540, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

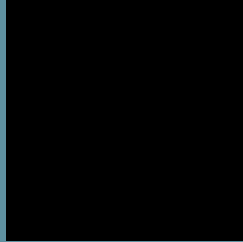
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2218, 0.2540, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 25.2218, 0.2540, 0.3023.



This preview shows how white text looks on a background with the Yxy color 25.2218, 0.2540, 0.3023.

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

25.2218, 0.2540, 0.3023

Protanopia

25.0097, 0.2927, 0.2992

Deuteranopia

25.0621, 0.2892, 0.2839



Tritanopia

25.0648, 0.2555, 0.3074

Trichromacy



Original Color

25.2218, 0.2540, 0.3023

Protanomaly

24.8586, 0.2773, 0.2999

Deuteranomaly

24.8877, 0.2747, 0.2904

Tritanomaly

25.0991, 0.2547, 0.3057

Monochromacy



Original Color

25.2218, 0.2540, 0.3023

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7663, 0.2887, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2218, 0.2540, 0.3023 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(95, 145, 160)` looks like.

```
.text, #text, p{  
    color:rgb(95, 145, 160)  
}
```

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(95, 145, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 145, 160) }
```

Border

The CSS property to change the border of an element to Yxy 25.2218, 0.2540, 0.3023 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(95, 145, 160) }
```

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

```
.border{ border-color:rgb(95, 145, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 145, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 145, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 145, 160);  
box-shadow:4px 4px 4px 4px rgb(95, 145,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2218, 0.2540, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 145, 160) }
```

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

```
.background{ background-color: rgb(95, 145,  
160) }
```

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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