

Converting Colors

$Y_{xy}(22.5950, 0.2543, 0.2963)$

Have a look what the booklet for
Yxy(22.5950, 0.2543, 0.2963)
contains.

Yxy(22.5850, 0.2539, 0.2960)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(22.5850, 0.2539, 0.2960)$

Conversions

Conversions Part 1

Format	Color
Hex	5D899B
RGB	93, 137, 155
RGB Percent	36%, 54%, 61%
CMY	0.6354, 0.4627, 0.3922
CMYK	0.40, 0.12, 0.00, 0.39
HSL	197°, 25%, 49%
HSV	197°, 40%, 61%
XYZ	19.3727, 22.5850, 34.3429
YIQ	125.8960, -32.0020, -3.7300

Conversions

Conversions Part 2

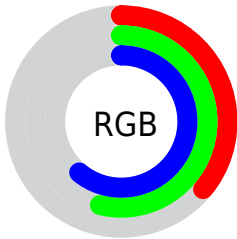
Format	Color
R_{YB}	93, 119, 155
Decimal	6130075
CIE _{Lab}	54.64, -10.24, -14.34
CIE _{LCh}	55, 17.624, 234.479
Yxy	22.5850, 0.2539, 0.2960
Android (android.graphics.Color)	4284320155 (0xFF5D899B)
YUV	125.8960, 14.3483, -28.8498
Hunter-Lab	47.5237, -10.4020, -9.5793

Details

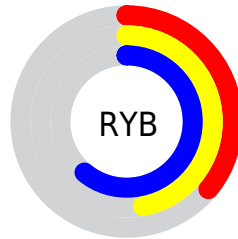
The Yxy color **22.5850, 0.2539, 0.2960** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.1141, 0.3979, 0.3593**, and the grayscale version is **20.7833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5414, 0.2667, 0.3036**, and **8.3081, 0.2325, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **20.6068, 0.2407, 0.2862**, and if you desaturate by 10%, it is **24.7820, 0.2680, 0.3053**.

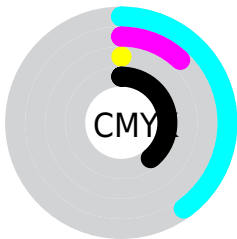
Distribution



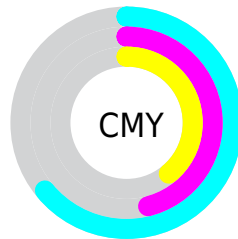
- Red (36%)
- Green (54%)
- Blue (61%)



- Red (36%)
- Yellow (47%)
- Blue (61%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5850, 0.2539, 0.2960 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 22.5850, 0.2539, 0.2960 by changing the saturation by 10% instead.

■ 22.5850, 0.2539,
0.2960

■ 22.5850, 0.2539,
0.2960

■ 265.5862, 0.2862,
0.3149

■ 14.2874, 0.2448,
0.2903

■ 47.7110, 0.2664,
0.3035

■ 8.3208, 0.2324,
0.2824

■ 65.3082, 0.2709,
0.3061

■ 4.3009, 0.2146,
0.2705

■ 86.7739, 0.2745,
0.3083

■ 1.8433, 0.1873,
0.2510

■ 112.4928, 0.2776,
0.3100

■ 0.5139, 0.0975,
0.2100

■ 142.8490, 0.2802,
0.3115

■ 0.0000, 0.0000,
0.0000

178.2271, 0.2825,

0.3128

219.0114, 0.2845,
0.3139

■ 22.5850, 0.2539,
0.2960

■ 22.5850, 0.2539,
0.2960

■ 20.6068, 0.2407,
0.2862

■ 24.7820, 0.2680,
0.3053

■ 18.8342, 0.2288,
0.2759

■ 27.2050, 0.2827,
0.3139

■ 17.2564, 0.2185,
0.2653

■ 29.8640, 0.2977,
0.3218

■ 15.8602, 0.2099,
0.2545

■ 32.7673, 0.3127,
0.3290

■ 14.6302, 0.2033,
0.2438

■ 35.9231, 0.3275,
0.3355

■ 13.5314, 0.1981,
0.2331

■ 39.3390, 0.3420,
0.3412

■ 43.0223, 0.3559,
0.3464

■ 46.9798, 0.3693,
0.3509

■ 51.2184, 0.3821,
0.3548

Harmonies

Analogous

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



22.5850, 0.2603, 0.3221



22.5850, 0.2539, 0.2960



22.5850, 0.2622, 0.2805

Triad

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



22.5850, 0.2539, 0.2960



22.5850, 0.3450, 0.3068



22.5850, 0.3403, 0.3851

Complementary

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



22.5850, 0.2539, 0.2960



19.1141, 0.3979, 0.3593

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.



22.5850, 0.3648, 0.3775



22.5850, 0.2539, 0.2960



22.5850, 0.3680, 0.3319

Square

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



22.5850, 0.2539, 0.2960



22.5850, 0.3137, 0.2875



22.5850, 0.3752, 0.3575



22.5850, 0.3093, 0.3761

Rectangle

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



22.5850, 0.2539, 0.2960



22.5850, 0.2752, 0.2773



22.5850, 0.3752, 0.3575



22.5850, 0.3496, 0.3843

Sweetspot

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



22.5859, 0.2539, 0.2960



52.3988, 0.2943, 0.3201



26.9017, 0.2931, 0.4134



11.7297, 0.2926, 0.3192



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.



22.5859, 0.2539, 0.2960



37.2755, 0.2421, 0.2872



15.0835, 0.2449, 0.2364



6.7239, 0.2989, 0.3224



10.9379, 0.1983, 0.2340



0.2250, 0.2113, 0.2808

Inverse Universe

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



16.5969, 0.3415, 0.2583



25.5665, 0.3502, 0.2432



26.9695, 0.3785, 0.4068



6.2931, 0.3179, 0.3133



6.5095, 0.4084, 0.2024



0.1035, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 22.5850, 0.2539, 0.2960 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 22.5850, 0.2539, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

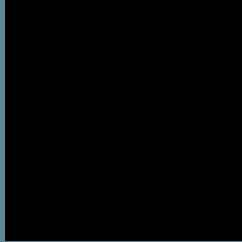
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5850, 0.2539, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 22.5850, 0.2539, 0.2960.



This preview shows how white text looks on a background with the Yxy color 22.5850, 0.2539, 0.2960.

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

22.5850, 0.2539, 0.2960

Protanopia

22.4145, 0.2888, 0.2929

Deuteranopia

22.3589, 0.2851, 0.2786



Tritanopia

22.5710, 0.2572, 0.3084

Trichromacy



Original Color

22.5850, 0.2539, 0.2960

Protanomaly

22.4144, 0.2750, 0.2937

Deuteranomaly

22.4148, 0.2732, 0.2855

Tritanomaly

22.6866, 0.2565, 0.3048

Monochromacy



Original Color

22.5850, 0.2539, 0.2960

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.3488, 0.2878, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5850, 0.2539, 0.2960 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(93, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 137, 155)  
}
```

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(93, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 137, 155) }
```

Border

The CSS property to change the border of an element to Yxy 22.5850, 0.2539, 0.2960 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(93, 137, 155) }
```

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

```
.border{ border-color:rgb(93, 137, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 137,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5850, 0.2539, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 137, 155) }
```

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

```
.background{ background-color: rgb(93, 137,  
155) }
```

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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