

Converting Colors

$Y_{xy}(23.3040, 0.2957, 0.4032)$

Have a look what the booklet for
Yxy(23.3040, 0.2957, 0.4032)
contains.

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Color

$Y_{xy}(23.3352, 0.2956, 0.4024)$

Conversions

Conversions Part 1

Format	Color
Hex	5D906B
RGB	93, 144, 107
RGB Percent	36%, 56%, 42%
CMY	0.6353, 0.4353, 0.5804
CMYK	0.35, 0.00, 0.26, 0.44
HSL	136°, 22%, 46%
HSV	136°, 35%, 56%
XYZ	17.1419, 23.3352, 17.5130
YIQ	124.5330, -18.5190, -22.3190

Conversions

Conversions Part 2

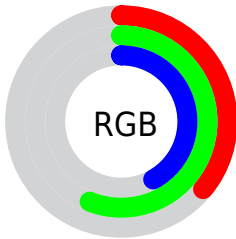
Format	Color
R_{YB}	93, 133, 144
Decimal	6131819
CIE _{Lab}	55.42, -25.33, 14.36
CIE _{LCh}	55, 29.122, 150.446
Yxy	23.3352, 0.2956, 0.4024
Android (android.graphics.Color)	4284321899 (0xFF5D906B)
YUV	124.5330, -8.6438, -27.6544
Hunter-Lab	48.3065, -21.1946, 12.3196

Details

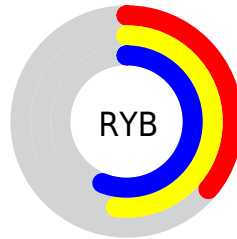
The Yxy color $23.3352, 0.2956, 0.4024$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.3704, 0.3360, 0.2656$, and the grayscale version is $20.3783, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.8765, 0.3003, 0.3858$, and $8.6799, 0.2881, 0.4355$ is the 20% darker color. If you saturate the color by 10%, you get $22.4474, 0.2916, 0.4277$, and if you desaturate by 10%, it is $24.3931, 0.3002, 0.3789$.

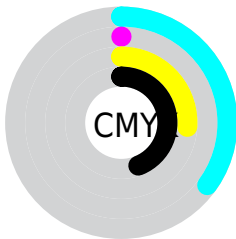
Distribution



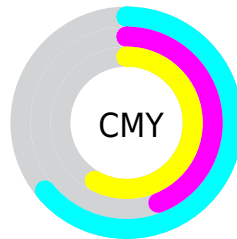
- Red (36%)
- Green (56%)
- Blue (42%)



- Red (36%)
- Yellow (52%)
- Blue (56%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)





- Cyan (64%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3352, 0.2956, 0.4024 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 23.3352, 0.2956, 0.4024 by changing the saturation by 10% instead.


 23.3352, 0.2956,
0.4024


 23.3352, 0.2956,
0.4024


269.4420, 0.3060,
0.3598


 14.8412, 0.2921,
0.4156


 48.9431, 0.2999,
0.3852


 8.7080, 0.2870,
0.4346


 66.8259, 0.3014,
0.3793

 4.5512, 0.2786,
0.4639


 88.6070, 0.3025,
0.3745

 1.9864, 0.2631,
0.5153

 114.6709, 0.3035,
0.3705

 0.5996, 0.0000,
1.0000

145.4019, 0.3043,
0.3672

 0.0000, 0.0000,
0.0000

181.1845, 0.3049,

0.3644

222.4031, 0.3055,
0.3619

■ 23.3352, 0.2956,
0.4024

■ 23.3352, 0.2956,
0.4024

■ 22.4474, 0.2916,
0.4277

■ 24.3931, 0.3002,
0.3789

■ 21.7177, 0.2884,
0.4544

■ 25.6263, 0.3050,
0.3576

■ 21.1375, 0.2864,
0.4814


■ 27.0434, 0.3100,
0.3384


■ 20.6958, 0.2856,
0.5078

■ 28.6519, 0.3150,
0.3215


■ 20.3803, 0.2864,
0.5323

■ 30.4583, 0.3198,
0.3066


 20.1741, 0.2886,
0.5535

 32.4693, 0.3244,
0.2936

 20.0972, 0.2895,
0.5622

 34.6911, 0.3288,
0.2822

 37.1295, 0.3330,
0.2723

 39.7903, 0.3369,
0.2637

Harmonies

Analogous

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



23.3352, 0.3461, 0.4220



23.3352, 0.2956, 0.4024



23.3352, 0.2519, 0.3571

Triad

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



23.3352, 0.2956, 0.4024



23.3352, 0.2375, 0.2493



23.3352, 0.4083, 0.3396

Complementary

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



23.3352, 0.2956, 0.4024



15.3704, 0.3360, 0.2656

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.



23.3352, 0.3744, 0.3004



23.3352, 0.2956, 0.4024



23.3352, 0.2739, 0.2504

Square

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



23.3352, 0.2956, 0.4024



23.3352, 0.2207, 0.2679



23.3352, 0.3238, 0.2687



23.3352, 0.4135, 0.3794

Rectangle

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



23.3352, 0.2956, 0.4024



23.3352, 0.2320, 0.3225



23.3352, 0.3238, 0.2687



23.3352, 0.3998, 0.3261

Sweetspot

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



23.3362, 0.2956, 0.4024



46.2044, 0.3071, 0.3493



25.5152, 0.3484, 0.4190



10.5285, 0.3065, 0.3516



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.



23.3362, 0.2956, 0.4024



39.9638, 0.2925, 0.4211



23.9432, 0.2740, 0.3515



6.0522, 0.3081, 0.3454



17.5042, 0.2892, 0.5612



0.1707, 0.2674, 0.4828

Inverse Universe

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



15.3704, 0.3360, 0.2656



23.8809, 0.3425, 0.2524



14.7767, 0.3743, 0.3080



5.4861, 0.3176, 0.3132



6.0458, 0.4027, 0.1992



0.0615, 0.3581, 0.1747

Previews

White Background



This preview shows how the Yxy color 23.3352, 0.2956, 0.4024 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 23.3352, 0.2956, 0.4024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

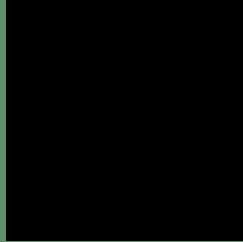
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3352, 0.2956, 0.4024

Background



This preview shows how black text looks on a background with the Yxy color 23.3352, 0.2956, 0.4024.



This preview shows how white text looks on a background with the Yxy color 23.3352, 0.2956, 0.4024.

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

23.3352, 0.2956, 0.4024

Protanopia

23.1048, 0.3578, 0.3830

Deuteranopia

23.0018, 0.3620, 0.3558



Tritanopia

23.2037, 0.2657, 0.3071

Trichromacy



Original Color

23.3352, 0.2956, 0.4024

Protanomaly

22.8727, 0.3336, 0.3900

Deuteranomaly

22.7261, 0.3352, 0.3705

Tritanomaly

23.1300, 0.2769, 0.3402

Monochromacy



Original Color

23.3352, 0.2956, 0.4024

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.3212, 0.3058, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3352, 0.2956, 0.4024 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, 144, 107)` looks like.

```
.text, #text, p{  
    color:rgb(93, 144, 107)  
}
```

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, 144, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 144, 107) }
```

Border

The CSS property to change the border of an element to Yxy 23.3352, 0.2956, 0.4024 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, 144, 107) }
```

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

```
.border{ border-color:rgb(93, 144, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 144, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 144, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 144, 107);  
box-shadow:4px 4px 4px 4px rgb(93, 144,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3352, 0.2956, 0.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 144, 107) }
```

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

```
.background{ background-color: rgb(93, 144,  
107) }
```

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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