

Converting Colors

$Y_{xy}(9.0323, 0.2977, 0.3992)$

Have a look what the booklet for
Yxy(9.0323, 0.2977, 0.3992)
contains.

Yxy(9.0323, 0.2977, 0.3992)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(9.0323, 0.2977, 0.3992)$

Conversions

Conversions Part 1

Format	Color
Hex	3C5C44
RGB	60, 92, 68
RGB Percent	24%, 36%, 27%
CMY	0.7646, 0.6392, 0.7333
CMYK	0.35, 0.00, 0.26, 0.64
HSL	135°, 21%, 30%
HSV	135°, 35%, 36%
XYZ	6.7358, 9.0323, 6.8579
YIQ	79.6960, -11.3680, -14.2480

Conversions

Conversions Part 2

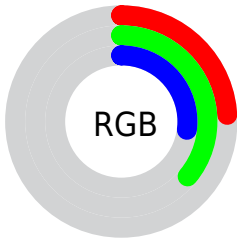
Format	Color
RYB	60, 86, 92
Decimal	3955780
CIELab	36.05, -17.43, 10.16
CIELCh	36, 20.172, 149.755
Yxy	9.0323, 0.2977, 0.3992
Android (android.graphics.Color)	4282145860 (0xFF3C5C44)
YUV	79.6960, -5.7661, -17.2734
Hunter-Lab	30.0538, -12.5881, 7.5083

Details

The Yxy color **9.0323, 0.2977, 0.3992** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.1512, 0.3324, 0.2679**, and the grayscale version is **7.9747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **23.8582, 0.3032, 0.3780**, and **2.1257, 0.2851, 0.4490** is the 20% darker color. If you saturate the color by 10%, you get **8.6910, 0.2940, 0.4238**, and if you desaturate by 10%, it is **9.4341, 0.3018, 0.3764**.

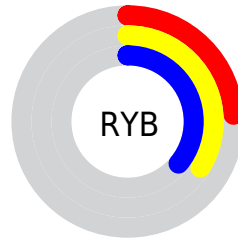
Distribution



Red (24%)

Green (36%)

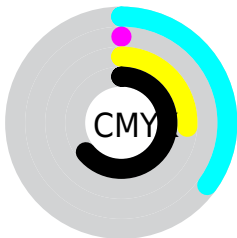
Blue (27%)



Red (24%)

Yellow (34%)

Blue (36%)

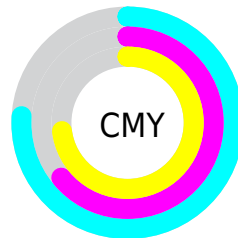


Cyan (35%)

Magenta (0%)

Yellow (26%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 9.0323, 0.2977, 0.3992 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 9.0323, 0.2977, 0.3992 by changing the saturation by 10% instead.

9.0323, 0.2977,
0.3992

9.0323, 0.2977,
0.3992

183.6187, 0.3079,
0.3533

4.7623, 0.2932,
0.4177

23.9587, 0.3025,
0.3785

2.1085, 0.2849,
0.4492

35.3838, 0.3039,
0.3721

0.6694, 0.2346,
0.7448

49.9628, 0.3050,
0.3672

0.0000, 0.0000,
0.0000

68.0799, 0.3058,
0.3633

90.1197, 0.3065,
0.3601

116.4665, 0.3071,

0.3574

147.5047, 0.3075,
0.3552

■ 9.0323, 0.2977,
0.3992

■ 9.0323, 0.2977,
0.3992

■ 8.6910, 0.2940,
0.4238

■ 9.4341, 0.3018,
0.3764

■ 8.4062, 0.2909,
0.4497

■ 9.8980, 0.3062,
0.3557

■ 8.1752, 0.2886,
0.4762


■ 10.4270, 0.3106,
0.3371


■ 7.9942, 0.2875,
0.5024


■ 11.0235, 0.3150,
0.3205

■ 7.8596, 0.2876,
0.5270


■ 11.6897, 0.3193,
0.3059

 7.7618, 0.2886,
0.5491

 12.4278, 0.3233,
0.2931

 7.7150, 0.2888,
0.5598

 13.2399, 0.3272,
0.2818

 14.1281, 0.3308,
0.2719

 15.0941, 0.3343,
0.2633

Harmonies

Analogous

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



9.0323, 0.3458, 0.4173



9.0323, 0.2977, 0.3992



9.0323, 0.2557, 0.3569

Triad

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



9.0323, 0.2977, 0.3992



9.0323, 0.2404, 0.2532



9.0323, 0.4031, 0.3385

Complementary

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



9.0323, 0.2977, 0.3992



6.1512, 0.3324, 0.2679

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.



9.0323, 0.3704, 0.3010



9.0323, 0.2977, 0.3992



9.0323, 0.2748, 0.2537

Square

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



9.0323, 0.2977, 0.3992



9.0323, 0.2247, 0.2716



9.0323, 0.3222, 0.2709



9.0323, 0.4088, 0.3766

Rectangle

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



9.0323, 0.2977, 0.3992



9.0323, 0.2363, 0.3241



9.0323, 0.3222, 0.2709



9.0323, 0.3948, 0.3255

Sweetspot

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



9.0327, 0.2977, 0.3992



17.7210, 0.3082, 0.3472



9.8898, 0.3480, 0.4123



4.4216, 0.3077, 0.3490



50.7079, 0.3127, 0.3290



4.6964, 0.3127, 0.3290

Same Dimension

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



9.0327, 0.2977, 0.3992



15.2911, 0.2945, 0.4202



9.2471, 0.2776, 0.3529



2.5944, 0.3088, 0.3445



11.1572, 0.2898, 0.5633



60.9724, 0.2925, 0.5732

Inverse Universe

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



6.1512, 0.3324, 0.2679



9.3698, 0.3387, 0.2528



5.9349, 0.3664, 0.3066



2.3735, 0.3169, 0.3140



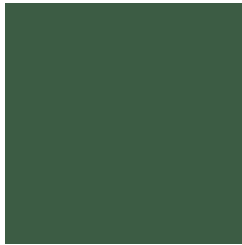
3.9065, 0.3920, 0.1933



21.2456, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 9.0323, 0.2977, 0.3992 looks on a white 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 ✓ Pass

Black Background



This preview shows how the Yxy color 9.0323, 0.2977, 0.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

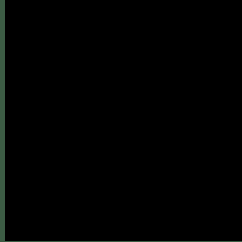
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 9.0323, 0.2977, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 9.0323, 0.2977, 0.3992.



This preview shows how white text looks on a background with the Yxy color 9.0323, 0.2977, 0.3992.

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

9.0323, 0.2977, 0.3992

Protanopia

8.8845, 0.3564, 0.3809

Deuteranopia

8.9237, 0.3627, 0.3563



Tritanopia

8.9639, 0.2699, 0.3100

Trichromacy



Original Color

9.0323, 0.2977, 0.3992

Protanomaly

8.8603, 0.3334, 0.3893

Deuteranomaly

8.8115, 0.3366, 0.3718

Tritanomaly

8.8906, 0.2803, 0.3401

Monochromacy



Original Color

9.0323, 0.2977, 0.3992

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.2789, 0.3066, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 9.0323, 0.2977, 0.3992 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(60, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(60, 92, 68)  
}
```

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(60, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 92, 68) }
```

Border

The CSS property to change the border of an element to Yxy 9.0323, 0.2977, 0.3992 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(60, 92, 68) }
```

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

```
.border{ border-color:rgb(60, 92, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 92, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(60, 92, 68)  
}
```


Background

The CSS property to change the background color of an element to Yxy 9.0323, 0.2977, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 92, 68) }
```

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

```
.background{ background-color: rgb(60, 92,  
68) }
```

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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