

Converting Colors

$Y_{xy}(11.1760, 0.2936, 0.3953)$

Have a look what the booklet for
Yxy(11.1760, 0.2936, 0.3953)
contains.

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Color

Yxy(11.1624, 0.2936, 0.3962)

Conversions

Conversions Part 1

Format	Color
Hex	41664D
RGB	65, 102, 77
RGB Percent	25%, 40%, 30%
CMY	0.7450, 0.6000, 0.6980
CMYK	0.36, 0.00, 0.25, 0.60
HSL	139°, 22%, 33%
HSV	139°, 36%, 40%
XYZ	8.2718, 11.1624, 8.7395
YIQ	88.0870, -14.0270, -15.6190

Conversions

Conversions Part 2

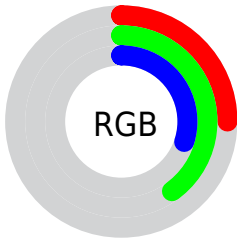
Format	Color
R_{YB}	65, 93, 102
Decimal	4286029
CIE _{Lab}	39.85, -19.17, 10.03
CIE _{LCh}	40, 21.631, 152.389
Yxy	11.1624, 0.2936, 0.3962
Android (android.graphics.Color)	4282476109 (0xFF41664D)
YUV	88.0870, -5.4659, -20.2473
Hunter-Lab	33.4102, -14.2743, 7.8780

Details

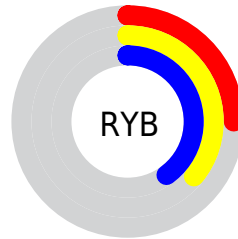
The Yxy color **11.1624, 0.2936, 0.3962** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.3461, 0.3392, 0.2703**, and the grayscale version is **9.7944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8662, 0.2989, 0.3770**, and **2.9806, 0.2806, 0.4381** is the 20% darker color. If you saturate the color by 10%, you get **10.7532, 0.2892, 0.4188**, and if you desaturate by 10%, it is **11.6457, 0.2986, 0.3752**.

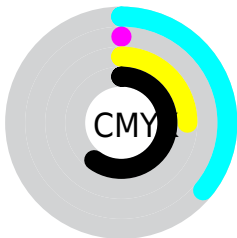
Distribution



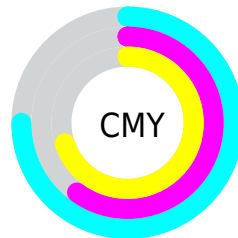
- Red (25%)
- Green (40%)
- Blue (30%)



- Red (25%)
- Yellow (36%)
- Blue (40%)



- Cyan (36%)
- Magenta (0%)
- Yellow (25%)
- Black (60%)




- Cyan (75%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1624, 0.2936, 0.3962 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 11.1624, 0.2936, 0.3962 by changing the saturation by 10% instead.


 11.1624, 0.2936,
0.3962


 11.1624, 0.2936,
0.3962


 198.7783, 0.3061,
0.3534


 6.1762, 0.2886,
0.4124

 27.9601, 0.2992,
0.3774


 2.9525, 0.2803,
0.4388


 40.5403, 0.3009,
0.3714

 1.1070, 0.2630,
0.5119

 56.4207, 0.3023,
0.3667

 0.0000, 0.0000,
0.0000

 75.9856, 0.3034,
0.3630

 99.6194, 0.3042,
0.3600

 127.7066, 0.3049,

0.3574

160.6314, 0.3056,
0.3552

■ 11.1624, 0.2936,
0.3962

■ 11.1624, 0.2936,
0.3962

■ 10.7532, 0.2892,
0.4188

■ 11.6457, 0.2986,
0.3752

■ 10.4131, 0.2857,
0.4427

■ 12.2053, 0.3038,
0.3561

■ 10.1384, 0.2833,
0.4672


■ 12.8447, 0.3093,
0.3388

■ 9.9248, 0.2822,
0.4916


■ 13.5670, 0.3148,
0.3235


■ 9.7670, 0.2826,
0.5149

■ 14.3751, 0.3201,
0.3098


 9.6523, 0.2840,
0.5363

 15.2717, 0.3253,
0.2978

 9.6126, 0.2844,
0.5440

 16.2595, 0.3303,
0.2873

 17.3409, 0.3350,
0.2780

 18.5183, 0.3394,
0.2699

Harmonies

Analogous

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



11.1624, 0.3417, 0.4168



11.1624, 0.2936, 0.3962



11.1624, 0.2527, 0.3525

Triad

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



11.1624, 0.2936, 0.3962



11.1624, 0.2427, 0.2525



11.1624, 0.4047, 0.3419

Complementary

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



11.1624, 0.2936, 0.3962



7.3461, 0.3392, 0.2703

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.



11.1624, 0.3741, 0.3041



11.1624, 0.2936, 0.3962



11.1624, 0.2786, 0.2546

Square

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



11.1624, 0.2936, 0.3962



11.1624, 0.2253, 0.2693



11.1624, 0.3266, 0.2731



11.1624, 0.4079, 0.3797

Rectangle

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



11.1624, 0.2936, 0.3962



11.1624, 0.2344, 0.3199



11.1624, 0.3266, 0.2731



11.1624, 0.3972, 0.3289

Sweetspot

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



11.1629, 0.2936, 0.3962



21.9418, 0.3065, 0.3473



12.0726, 0.3451, 0.4187



5.1529, 0.3060, 0.3489



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.1629, 0.2936, 0.3962



18.9249, 0.2896, 0.4165



11.4573, 0.2723, 0.3463



3.1559, 0.3078, 0.3432



12.3392, 0.2851, 0.5463



64.2101, 0.2879, 0.5566

Inverse Universe

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



7.3461, 0.3392, 0.2703



11.0939, 0.3481, 0.2558



7.0728, 0.3773, 0.3127



2.8747, 0.3180, 0.3152



4.1719, 0.4186, 0.2080



21.5936, 0.4259, 0.2120

Previews

White Background



This preview shows how the Yxy color 11.1624, 0.2936, 0.3962 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 × Fail

Black Background



This preview shows how the Yxy color 11.1624, 0.2936, 0.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

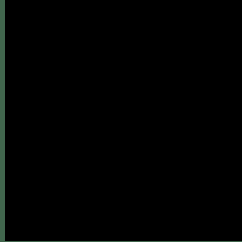
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.1624, 0.2936, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 11.1624, 0.2936, 0.3962.



This preview shows how white text looks on a background with the Yxy color 11.1624, 0.2936, 0.3962.

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

11.1624, 0.2936, 0.3962

Protanopia

11.0191, 0.3543, 0.3764

Deuteranopia

11.0797, 0.3584, 0.3517



Tritanopia

11.1156, 0.2661, 0.3091

Trichromacy



Original Color

11.1624, 0.2936, 0.3962

Protanomaly

10.8864, 0.3301, 0.3844

Deuteranomaly

10.8452, 0.3315, 0.3658

Tritanomaly

11.0151, 0.2766, 0.3392

Monochromacy



Original Color

11.1624, 0.2936, 0.3962

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.1743, 0.3055, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1624, 0.2936, 0.3962 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(65, 102, 77)` looks like.

```
.text, #text, p{  
    color:rgb(65, 102, 77)  
}
```

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(65, 102, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 102, 77) }
```

Border

The CSS property to change the border of an element to Yxy 11.1624, 0.2936, 0.3962 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(65, 102, 77) }
```

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

```
.border{ border-color:rgb(65, 102, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 102, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 102, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 102, 77);  
box-shadow:4px 4px 4px 4px rgb(65, 102,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1624, 0.2936, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 102, 77) }
```

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

```
.background{ background-color: rgb(65, 102,  
77) }
```

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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