

Converting Colors

$Y_{xy}(11.5210, 0.3133, 0.3031)$

Have a look what the booklet for
Yxy(11.5210, 0.3133, 0.3031)
contains.

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Color

Yxy(11.5373, 0.3124, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	675C68
RGB	103, 92, 104
RGB Percent	40%, 36%, 41%
CMY	0.5961, 0.6392, 0.5921
CMYK	0.01, 0.12, 0.00, 0.59
HSL	295°, 6%, 38%
HSV	295°, 12%, 41%
XYZ	11.9188, 11.5373, 14.6963
YIQ	96.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

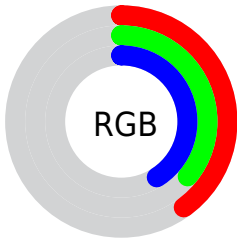
Format	Color
R _Y B	103, 92, 104
Decimal	6773864
CIE Lab	40.47, 6.86, -5.23
CIE LCh	40, 8.622, 322.674
Yxy	11.5373, 0.3124, 0.3024
Android (android.graphics.Color)	4284963944 (0xFF675C68)
YUV	96.6570, 3.6201, 5.5628
Hunter-Lab	33.9666, 3.1938, -1.8764

Details

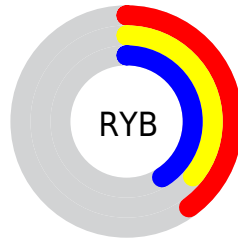
The Yxy color **11.5373, 0.3124, 0.3024** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0022, 0.3128, 0.3569**, and the grayscale version is **11.8562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5826, 0.3126, 0.3090**, and **3.0902, 0.3119, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **9.8062, 0.3119, 0.2786**, and if you desaturate by 10%, it is **13.5173, 0.3127, 0.3255**.

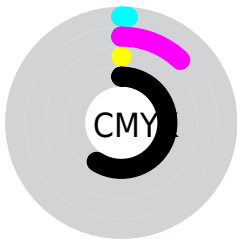
Distribution



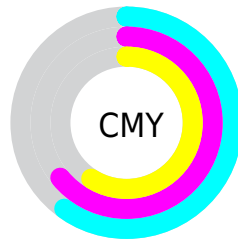
- Red (40%)
- Green (36%)
- Blue (41%)



- Red (40%)
- Yellow (36%)
- Blue (41%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.5373, 0.3124, 0.3024 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 11.5373, 0.3124, 0.3024 by changing the saturation by 10% instead.

■ 11.5373, 0.3124,
0.3024

■ 11.5373, 0.3124,
0.3024

■ 201.3175, 0.3127,
0.3185

■ 6.4295, 0.3122,
0.2969

■ 28.6495, 0.3126,
0.3092

■ 3.1079, 0.3119,
0.2887

■ 41.4227, 0.3126,
0.3114

■ 1.1883, 0.3111,
0.2747

■ 57.5198, 0.3126,
0.3132

■ 0.0522, 0.3138,
0.0754

■ 77.3252, 0.3127,
0.3146

■ 0.0000, 0.0000,
0.0000

■ 101.2233, 0.3127,
0.3159

129.5984, 0.3127,

0.3169

162.8350, 0.3127,
0.3178

■ 11.5373, 0.3124,
0.3024

■ 11.5373, 0.3124,
0.3024

■ 9.8062, 0.3119,
0.2786

■ 13.5173, 0.3127,
0.3255

■ 8.3126, 0.3113,
0.2547

■ 15.7543, 0.3128,
0.3476

■ 7.0463, 0.3104,
0.2313

■ 18.2576, 0.3128,
0.3683

■ 5.9956, 0.3092,
0.2093

■ 21.0358, 0.3127,
0.3876

■ 5.1482, 0.3078,
0.1895

■ 24.0971, 0.3126,
0.4053

■ 4.4901, 0.3063,
0.1727

■ 27.4492, 0.3123,
0.4216

■ 4.0059, 0.3045,
0.1594

■ 31.0996, 0.3121,
0.4364

■ 3.6765, 0.3026,
0.1500

■ 35.0556, 0.3118,
0.4498

■ 3.4455, 0.3009,
0.1431

■ 39.3241, 0.3115,
0.4619

Harmonies

Analogous

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



11.5373, 0.2939, 0.2969



11.5373, 0.3124, 0.3024



11.5373, 0.3315, 0.3144

Triad

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



11.5373, 0.3124, 0.3024



11.5373, 0.3453, 0.3584



11.5373, 0.2807, 0.3263

Complementary

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



11.5373, 0.3124, 0.3024



13.0022, 0.3128, 0.3569

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.



11.5373, 0.2938, 0.3441



11.5373, 0.3124, 0.3024



11.5373, 0.3310, 0.3629

Square

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



11.5373, 0.3124, 0.3024



11.5373, 0.3508, 0.3463



11.5373, 0.3121, 0.3578



11.5373, 0.2761, 0.3100

Rectangle

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



11.5373, 0.3124, 0.3024



11.5373, 0.3418, 0.3248



11.5373, 0.3121, 0.3578



11.5373, 0.2843, 0.3324

Sweetspot

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



11.5378, 0.3124, 0.3024



23.1468, 0.3127, 0.3220



11.1398, 0.2958, 0.3039



5.5868, 0.3126, 0.3204



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.5378, 0.3124, 0.3024



19.3291, 0.3123, 0.2957



11.5031, 0.3210, 0.3130



2.8779, 0.3125, 0.3086



4.2404, 0.3007, 0.1430



21.9305, 0.2995, 0.1423

Inverse Universe

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



11.3890, 0.3303, 0.3268



19.0108, 0.3354, 0.3262



13.0364, 0.3052, 0.3456



2.8499, 0.3259, 0.3273



3.6491, 0.6248, 0.3216



18.9735, 0.6328, 0.3260

Previews

White Background



This preview shows how the Yxy color 11.5373, 0.3124, 0.3024 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 11.5373, 0.3124, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

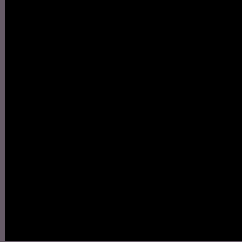
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5373, 0.3124, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 11.5373, 0.3124, 0.3024.

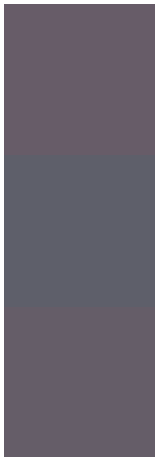


This preview shows how white text looks on a background with the Yxy color 11.5373, 0.3124, 0.3024.

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

11.5373, 0.3124, 0.3024

Protanopia

11.6047, 0.2961, 0.3038

Deuteranopia

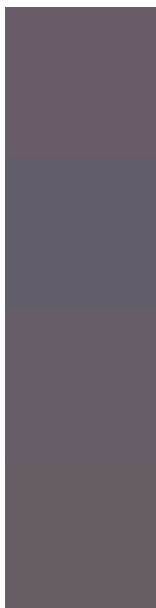
11.5949, 0.3093, 0.3044



Tritanopia

11.5736, 0.3166, 0.3133

Trichromacy



Original Color

11.5373, 0.3124, 0.3024

Protanomaly

11.5667, 0.3018, 0.3041

Deuteranomaly

11.6530, 0.3108, 0.3045

Tritanomaly

11.5931, 0.3151, 0.3111

Monochromacy



Original Color

11.5373, 0.3124, 0.3024

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.7572, 0.3117, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5373, 0.3124, 0.3024 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(103, 92, 104)` looks like.

```
.text, #text, p{  
    color:rgb(103, 92, 104)  
}
```

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(103, 92, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 92, 104) }
```

Border

The CSS property to change the border of an element to Yxy 11.5373, 0.3124, 0.3024 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(103, 92, 104) }
```

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

```
.border{ border-color:rgb(103, 92, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 92, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 92, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 92, 104);  
box-shadow:4px 4px 4px 4px rgb(103, 92,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5373, 0.3124, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 92, 104) }
```

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

```
.background{ background-color: rgb(103, 92,  
104) }
```

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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