

Converting Colors

$Y_{xy}(24.2641, 0.2939, 0.3731)$

Have a look what the booklet for
Yxy(24.2641, 0.2939, 0.3731)
contains.

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Color

Yxy(24.2701, 0.2936, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	689079
RGB	104, 144, 121
RGB Percent	41%, 56%, 47%
CMY	0.5921, 0.4353, 0.5255
CMYK	0.28, 0.00, 0.16, 0.44
HSL	146°, 16%, 49%
HSV	146°, 28%, 56%
XYZ	19.1345, 24.2701, 21.7675
YIQ	129.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

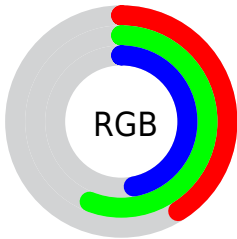
Format	Color
RYB	104, 132, 144
Decimal	6852729
CIELab	56.36, -18.84, 7.81
CIELCh	56, 20.397, 157.488
Yxy	24.2701, 0.2936, 0.3724
Android (android.graphics.Color)	4285042809 (0xFF689079)
YUV	129.4180, -4.1501, -22.2916
Hunter-Lab	49.2647, -16.8833, 8.2881

Details

The Yxy color $24.2701, 0.2936, 0.3724$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.3645, 0.3380, 0.2894$, and the grayscale version is $22.1278, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4732, 0.2982, 0.3631$, and $9.1088, 0.2857, 0.3908$ is the 20% darker color. If you saturate the color by 10%, you get $23.2871, 0.2875, 0.3911$, and if you desaturate by 10%, it is $25.4197, 0.3003, 0.3553$.

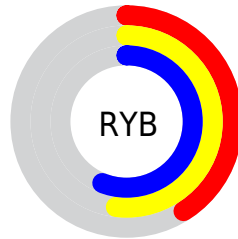
Distribution



Red (41%)

Green (56%)

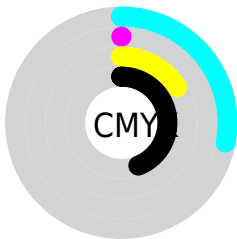
Blue (47%)



Red (41%)

Yellow (52%)

Blue (56%)

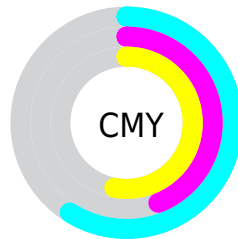


Cyan (28%)

Magenta (0%)

Yellow (16%)

Black (44%)



Cyan (59%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2701, 0.2936, 0.3724 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 24.2701, 0.2936, 0.3724 by changing the saturation by 10% instead.


 24.2701, 0.2936,
0.3724


 24.2701, 0.2936,
0.3724


274.1832, 0.3045,
0.3477

 15.5341, 0.2903,
0.3798


 50.4706, 0.2980,
0.3626


 9.1951, 0.2856,
0.3904


 68.7039, 0.2995,
0.3591

 4.8686, 0.2785,
0.4063

 90.8718, 0.3007,
0.3564

 2.1704, 0.2665,
0.4334

 117.3586, 0.3017,
0.3540

 0.7038, 0.1844,
0.6211

148.5487, 0.3026,
0.3521

 0.0000, 0.0000,
0.0000

184.8266, 0.3033,

0.3504

226.5766, 0.3039,
0.3490

■ 24.2701, 0.2936,
0.3724

■ 24.2701, 0.2936,
0.3724

■ 23.2871, 0.2875,
0.3911

■ 25.4197, 0.3003,
0.3553

■ 22.4597, 0.2822,
0.4113

■ 26.7404, 0.3072,
0.3399

■ 21.7805, 0.2781,
0.4325

■ 28.2398, 0.3143,
0.3261

■ 21.2399, 0.2754,
0.4544

■ 29.9247, 0.3213,
0.3138

■ 20.8274, 0.2745,
0.4762

■ 31.8012, 0.3282,
0.3031

■ 20.5308, 0.2753,
0.4974

■ 33.8752, 0.3348,
0.2936

■ 20.3269, 0.2777,
0.5173

■ 36.1522, 0.3412,
0.2853

■ 20.2859, 0.2782,
0.5215

■ 38.6379, 0.3472,
0.2781

■ 41.3373, 0.3529,
0.2718

Harmonies

Analogous

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



24.2701, 0.3288, 0.3908



24.2701, 0.2936, 0.3724



24.2701, 0.2646, 0.3405

Triad

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



24.2701, 0.2936, 0.3724



24.2701, 0.2647, 0.2715



24.2701, 0.3813, 0.3447

Complementary

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



24.2701, 0.2936, 0.3724



17.3645, 0.3380, 0.2894

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.



24.2701, 0.3622, 0.3156



24.2701, 0.2936, 0.3724



24.2701, 0.2937, 0.2748

Square

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



24.2701, 0.2936, 0.3724



24.2701, 0.2487, 0.2824



24.2701, 0.3295, 0.2907



24.2701, 0.3806, 0.3718

Rectangle

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



24.2701, 0.2936, 0.3724



24.2701, 0.2523, 0.3176



24.2701, 0.3295, 0.2907



24.2701, 0.3770, 0.3349

Sweetspot

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



24.2711, 0.2936, 0.3724



47.0658, 0.3069, 0.3404



25.4845, 0.3342, 0.4003



10.7151, 0.3060, 0.3425



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.



24.2711, 0.2936, 0.3724



41.7489, 0.2899, 0.3833



24.8037, 0.2764, 0.3350



6.0650, 0.3062, 0.3419



17.6697, 0.2779, 0.5205



0.1732, 0.2550, 0.4379

Inverse Universe

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



17.3645, 0.3380, 0.2894



27.5939, 0.3451, 0.2806



16.9009, 0.3658, 0.3232



5.4728, 0.3198, 0.3164



5.7092, 0.4599, 0.2307



0.0590, 0.3863, 0.1902

Previews

White Background



This preview shows how the Yxy color 24.2701, 0.2936, 0.3724 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 24.2701, 0.2936, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

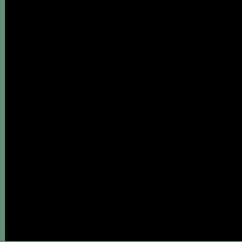
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2701, 0.2936, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 24.2701, 0.2936, 0.3724.



This preview shows how white text looks on a background with the Yxy color 24.2701, 0.2936, 0.3724.

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

24.2701, 0.2936, 0.3724

Protanopia

23.9739, 0.3403, 0.3600

Deuteranopia

24.0959, 0.3456, 0.3389



Tritanopia

24.3055, 0.2724, 0.3095

Trichromacy



Original Color

24.2701, 0.2936, 0.3724

Protanomaly

24.0742, 0.3221, 0.3648

Deuteranomaly

23.9089, 0.3254, 0.3499

Tritanomaly

24.1313, 0.2802, 0.3307

Monochromacy



Original Color

24.2701, 0.2936, 0.3724

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.5496, 0.3053, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2701, 0.2936, 0.3724 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(104, 144, 121)` looks like.

```
.text, #text, p{  
    color:rgb(104, 144, 121)  
}
```

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(104, 144, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 144, 121) }
```

Border

The CSS property to change the border of an element to Yxy 24.2701, 0.2936, 0.3724 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(104, 144, 121) }
```

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

```
.border{ border-color:rgb(104, 144, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 144, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 144, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 144, 121);  
box-shadow:4px 4px 4px 4px rgb(104, 144,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2701, 0.2936, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 144, 121) }
```

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

```
.background{ background-color: rgb(104,  
144, 121) }
```

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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