

Converting Colors

$Y_{xy}(24.3773, 0.3223, 0.4117)$

Have a look what the booklet for
Yxy(24.3773, 0.3223, 0.4117)
contains.

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Color

Yxy(24.3773, 0.3223, 0.4117)

Conversions

Conversions Part 1

Format	Color
Hex	719064
RGB	113, 144, 100
RGB Percent	44%, 56%, 39%
CMY	0.5568, 0.4353, 0.6079
CMYK	0.22, 0.00, 0.31, 0.44
HSL	102°, 18%, 48%
HSV	102°, 31%, 56%
XYZ	19.0838, 24.3773, 15.7502
YIQ	129.7150, -4.3520, -20.2560

Conversions

Conversions Part 2

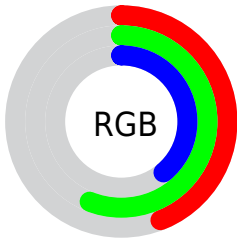
Format	Color
R_{YB}	100, 144, 131
Decimal	7442532
CIE _{Lab}	56.46, -19.56, 19.95
CIE _{LCh}	56, 27.939, 134.436
Yxy	24.3773, 0.3223, 0.4117
Android (android.graphics.Color)	4285632612 (0xFF719064)
YUV	129.7150, -14.6495, -14.6591
Hunter-Lab	49.3734, -17.4095, 15.6477

Details

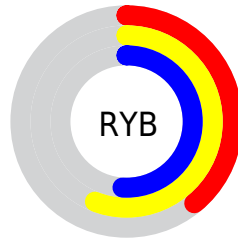
The Yxy color $24.3773, 0.3223, 0.4117$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.9466, 0.2990, 0.2517$, and the grayscale version is $22.2717, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6219, 0.3207, 0.3931$, and $9.1757, 0.3233, 0.4447$ is the 20% darker color. If you saturate the color by 10%, you get $23.4885, 0.3245, 0.4428$, and if you desaturate by 10%, it is $25.3926, 0.3195, 0.3822$.

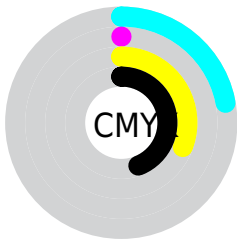
Distribution



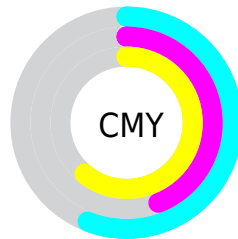
- Red (44%)
- Green (56%)
- Blue (39%)



- Red (39%)
- Yellow (56%)
- Blue (51%)



- Cyan (22%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3773, 0.3223, 0.4117 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 24.3773, 0.3223, 0.4117 by changing the saturation by 10% instead.


 24.3773, 0.3223,
0.4117


 24.3773, 0.3223,
0.4117


274.7225, 0.3180,
0.3642


 15.6137, 0.3230,
0.4261


 50.6452, 0.3210,
0.3927

 9.2512, 0.3234,
0.4464


 68.9183, 0.3204,
0.3861

 4.9054, 0.3230,
0.4770

 91.1301, 0.3199,
0.3808

 2.1919, 0.3228,
0.5336

 117.6649, 0.3194,
0.3763

 0.7156, 0.2207,
0.7793

148.9072, 0.3190,
0.3726

 0.0000, 0.0000,
0.0000

185.2412, 0.3186,

0.3694

227.0516, 0.3183,
0.3667

■ 24.3773, 0.3223,
0.4117

■ 24.3773, 0.3223,
0.4117

■ 23.4885, 0.3245,
0.4428

■ 25.3926, 0.3195,
0.3822

■ 22.7179, 0.3259,
0.4745

■ 26.5361, 0.3163,
0.3550

■ 22.0613, 0.3262,
0.5054


■ 27.8132, 0.3129,
0.3303


■ 21.5127, 0.3252,
0.5337

■ 29.2281, 0.3095,
0.3082

■ 21.0657, 0.3227,
0.5576


■ 30.7851, 0.3062,
0.2885

 20.7129, 0.3189,
0.5756

 32.4879, 0.3029,
0.2712

 20.4529, 0.3150,
0.5881

 34.3404, 0.2999,
0.2559

 36.3461, 0.2970,
0.2424

 38.5084, 0.2943,
0.2305

Harmonies

Analogous

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



24.3773, 0.3683, 0.4146



24.3773, 0.3223, 0.4117



24.3773, 0.2758, 0.3803

Triad

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



24.3773, 0.3223, 0.4117



24.3773, 0.2302, 0.2605



24.3773, 0.3888, 0.3189

Complementary

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



24.3773, 0.3223, 0.4117



15.9466, 0.2990, 0.2517

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.



24.3773, 0.3465, 0.2845



24.3773, 0.3223, 0.4117



24.3773, 0.2554, 0.2515

Square

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



24.3773, 0.3223, 0.4117



24.3773, 0.2251, 0.2887



24.3773, 0.2971, 0.2605



24.3773, 0.4091, 0.3574

Rectangle

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



24.3773, 0.3223, 0.4117



24.3773, 0.2507, 0.3491



24.3773, 0.2971, 0.2605



24.3773, 0.3766, 0.3066

Sweetspot

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



24.3783, 0.3223, 0.4117



47.1002, 0.3158, 0.3515



23.0267, 0.3633, 0.3821



10.7358, 0.3163, 0.3549



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.



24.3783, 0.3223, 0.4117



41.8468, 0.3240, 0.4339



23.7547, 0.3007, 0.3974



6.1019, 0.3158, 0.3514



17.8212, 0.3153, 0.5878



0.1807, 0.3469, 0.5627

Inverse Universe

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



15.9466, 0.2990, 0.2517



24.4190, 0.2948, 0.2326



16.7945, 0.3276, 0.2692



5.4320, 0.3093, 0.3070



4.1937, 0.2490, 0.1145



0.0515, 0.2842, 0.1339

Previews

White Background



This preview shows how the Yxy color 24.3773, 0.3223, 0.4117 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 24.3773, 0.3223, 0.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

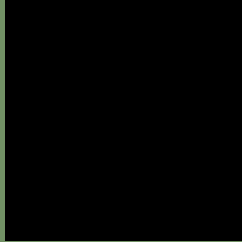
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3773, 0.3223, 0.4117

Background



This preview shows how black text looks on a background with the Yxy color 24.3773, 0.3223, 0.4117.



This preview shows how white text looks on a background with the Yxy color 24.3773, 0.3223, 0.4117.

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

24.3773, 0.3223, 0.4117

Protanopia

24.2835, 0.3681, 0.3950

Deuteranopia

24.3155, 0.3789, 0.3726



Tritanopia

24.4118, 0.2843, 0.3099

Trichromacy



Original Color

24.3773, 0.3223, 0.4117

Protanomaly

24.1084, 0.3511, 0.4016

Deuteranomaly

24.0380, 0.3567, 0.3859

Tritanomaly

24.2464, 0.2982, 0.3452

Monochromacy



Original Color

24.3773, 0.3223, 0.4117

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.9449, 0.3170, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3773, 0.3223, 0.4117 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(113, 144, 100)` looks like.

```
.text, #text, p{  
    color:rgb(113, 144, 100)  
}
```

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(113, 144, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 144, 100) }
```

Border

The CSS property to change the border of an element to Yxy 24.3773, 0.3223, 0.4117 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(113, 144, 100) }
```

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

```
.border{ border-color:rgb(113, 144, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 144, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 144, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 144, 100);  
box-shadow:4px 4px 4px 4px rgb(113, 144,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3773, 0.3223, 0.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 144, 100) }
```

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

```
.background{ background-color: rgb(113,  
144, 100) }
```

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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