

Converting Colors

$Yxy(24.0701, 0.3013, 0.3615)$

Have a look what the booklet for
Yxy(24.0701, 0.3013, 0.3615)
contains.

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Color

$\text{Yxy}(24.0572, 0.3017, 0.3622)$

Conversions

Conversions Part 1

Format	Color
Hex	728D7B
RGB	114, 141, 123
RGB Percent	45%, 55%, 48%
CMY	0.5529, 0.4470, 0.5177
CMYK	0.19, 0.00, 0.13, 0.45
HSL	140°, 11%, 50%
HSV	140°, 19%, 55%
XYZ	20.0388, 24.0572, 22.3236
YIQ	130.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

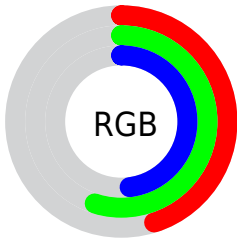
Format	Color
RYB	114, 134, 141
Decimal	7507323
CIELab	56.15, -13.38, 6.46
CIElCh	56, 14.858, 154.247
Yxy	24.0572, 0.3017, 0.3622
Android (android.graphics.Color)	4285697403 (0xFF728D7B)
YUV	130.8750, -3.8824, -14.7994
Hunter-Lab	49.0481, -12.9074, 7.3486

Details

The Yxy color $24.0572, 0.3017, 0.3622$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.3636, 0.3257, 0.2980$, and the grayscale version is $22.6671, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2323, 0.3044, 0.3558$, and $9.1004, 0.2968, 0.3774$ is the 20% darker color. If you saturate the color by 10%, you get $22.9601, 0.2962, 0.3824$, and if you desaturate by 10%, it is $25.3247, 0.3074, 0.3440$.

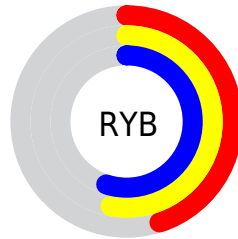
Distribution



Red (45%)

Green (55%)

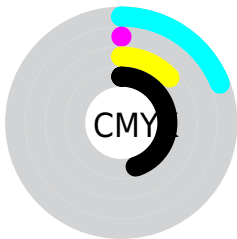
Blue (48%)



Red (45%)

Yellow (53%)

Blue (55%)

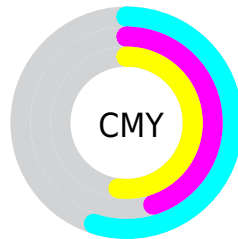


Cyan (19%)

Magenta (0%)

Yellow (13%)

Black (45%)



Cyan (55%)


Magenta (45%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0572, 0.3017, 0.3622 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 24.0572, 0.3017, 0.3622 by changing the saturation by 10% instead.


 24.0572, 0.3017,
0.3622


 24.0572, 0.3017,
0.3622


273.1095, 0.3080,
0.3434


 15.3761, 0.2998,
0.3678


 50.1235, 0.3042,
0.3547

 9.0837, 0.2971,
0.3758


 68.2775, 0.3051,
0.3521

 4.7958, 0.2929,
0.3877

 90.3579, 0.3058,
0.3500

 2.1280, 0.2858,
0.4079

 116.7490, 0.3064,
0.3482

 0.6803, 0.2481,
0.5275

147.8354, 0.3069,
0.3468

 0.0000, 0.0000,
0.0000

184.0013, 0.3073,

0.3455

225.6312, 0.3077,
0.3444

■ 24.0572, 0.3017,
0.3622

■ 24.0572, 0.3017,
0.3622

■ 22.9601, 0.2962,
0.3824

■ 25.3247, 0.3074,
0.3440

■ 22.0231, 0.2912,
0.4046

■ 26.7665, 0.3132,
0.3277

■ 21.2394, 0.2869,
0.4283

■ 28.3899, 0.3189,
0.3133

■ 20.6004, 0.2837,
0.4530

■ 30.2012, 0.3245,
0.3007

■ 20.0968, 0.2819,
0.4782

■ 32.2061, 0.3298,
0.2896

■ 19.7181, 0.2815,
0.5026

■ 34.4102, 0.3348,
0.2800

■ 19.4521, 0.2828,
0.5255

■ 36.8189, 0.3396,
0.2716

■ 19.2702, 0.2853,
0.5459

■ 39.4374, 0.3441,
0.2642

■ 19.2560, 0.2854,
0.5476

■ 42.2705, 0.3483,
0.2578

Harmonies

Analogous

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



24.0572, 0.3277, 0.3741



24.0572, 0.3017, 0.3622



24.0572, 0.2793, 0.3403

Triad

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



24.0572, 0.3017, 0.3622



24.0572, 0.2755, 0.2868



24.0572, 0.3617, 0.3388

Complementary

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



24.0572, 0.3017, 0.3622



19.3636, 0.3257, 0.2980

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.



24.0572, 0.3466, 0.3171



24.0572, 0.3017, 0.3622



24.0572, 0.2963, 0.2879

Square

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



24.0572, 0.3017, 0.3622



24.0572, 0.2647, 0.2966



24.0572, 0.3224, 0.2989



24.0572, 0.3630, 0.3591

Rectangle

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



24.0572, 0.3017, 0.3622



24.0572, 0.2692, 0.3238



24.0572, 0.3224, 0.2989



24.0572, 0.3581, 0.3315

Sweetspot

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



24.0582, 0.3017, 0.3622



46.0965, 0.3092, 0.3388



25.2080, 0.3307, 0.3764



10.2651, 0.3089, 0.3398



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.0582, 0.3017, 0.3622



42.1917, 0.2993, 0.3707



24.4074, 0.2895, 0.3379



6.0572, 0.3074, 0.3440



17.5594, 0.2852, 0.5469



0.1717, 0.2623, 0.4641

Inverse Universe

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



19.3636, 0.3257, 0.2980



32.1854, 0.3293, 0.2906



19.0281, 0.3423, 0.3204



5.4809, 0.3185, 0.3144



5.9039, 0.4240, 0.2109



0.0605, 0.3683, 0.1802

Previews

White Background



This preview shows how the Yxy color 24.0572, 0.3017, 0.3622 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 24.0572, 0.3017, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

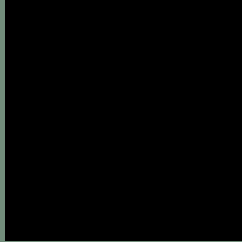
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0572, 0.3017, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 24.0572, 0.3017, 0.3622.



This preview shows how white text looks on a background with the Yxy color 24.0572, 0.3017, 0.3622.

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

24.0572, 0.3017, 0.3622

Protanopia

23.9576, 0.3358, 0.3549

Deuteranopia

24.0252, 0.3432, 0.3373



Tritanopia

23.9514, 0.2832, 0.3097

Trichromacy



Original Color

24.0572, 0.3017, 0.3622

Protanomaly

24.0727, 0.3236, 0.3591

Deuteranomaly

23.9087, 0.3280, 0.3463

Tritanomaly

23.8229, 0.2895, 0.3271

Monochromacy



Original Color

24.0572, 0.3017, 0.3622

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2464, 0.3088, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0572, 0.3017, 0.3622 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(114, 141, 123)` looks like.

```
.text, #text, p{  
    color:rgb(114, 141, 123)  
}
```

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(114, 141, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 141, 123) }
```

Border

The CSS property to change the border of an element to Yxy 24.0572, 0.3017, 0.3622 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(114, 141, 123) }
```

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

```
.border{ border-color:rgb(114, 141, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 141, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 141, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 141, 123);  
box-shadow:4px 4px 4px 4px rgb(114, 141,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0572, 0.3017, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 141, 123) }
```

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

```
.background{ background-color: rgb(114,  
141, 123) }
```

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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