

Converting Colors

$Y_{xy}(24.6703, 0.2712, 0.2827)$

Have a look what the booklet for
Yxy(24.6703, 0.2712, 0.2827)
contains.

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Color

Yxy(24.7455, 0.2712, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	7A89A5
RGB	122, 137, 165
RGB Percent	48%, 54%, 65%
CMY	0.5215, 0.4627, 0.3530
CMYK	0.26, 0.17, 0.00, 0.35
HSL	219°, 19%, 56%
HSV	219°, 26%, 65%
XYZ	23.7641, 24.7455, 39.1161
YIQ	135.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

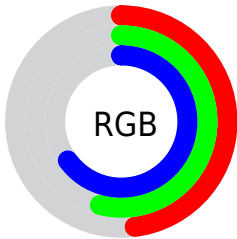
Format	Color
R_{YB}	122, 133, 165
Decimal	8030629
CIE _{Lab}	56.83, 1.08, -16.61
CIE _{LCh}	57, 16.649, 273.729
Yxy	24.7455, 0.2712, 0.2824
Android (android.graphics.Color)	4286220709 (0xFF7A89A5)
YUV	135.7070, 14.4414, -12.0210
Hunter-Lab	49.7448, -1.7805, -11.8004

Details

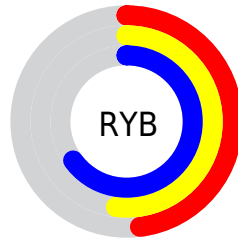
The Yxy color $24.7455, 0.2712, 0.2824$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $31.2190, 0.3563, 0.3716$, and the grayscale version is $24.4567, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.1082, 0.2799, 0.2919$, and $9.3864, 0.2559, 0.2651$ is the 20% darker color. If you saturate the color by 10%, you get $20.7377, 0.2539, 0.2610$, and if you desaturate by 10%, it is $29.2642, 0.2879, 0.3019$.

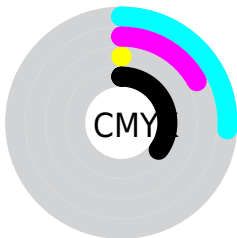
Distribution



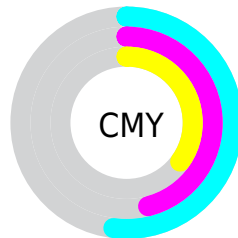
- Red (48%)
- Green (54%)
- Blue (65%)



- Red (48%)
- Yellow (52%)
- Blue (65%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (52%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7455, 0.2712, 0.2824 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 24.7455, 0.2712, 0.2824 by changing the saturation by 10% instead.

■ 24.7455, 0.2712,
0.2824

■ 24.7455, 0.2712,
0.2824

276.5681, 0.2939,
0.3078

■ 15.8875, 0.2648,
0.2753

■ 51.2440, 0.2800,
0.2922

■ 9.4446, 0.2561,
0.2657

■ 69.6534, 0.2831,
0.2957

■ 5.0323, 0.2437,
0.2520

■ 92.0154, 0.2857,
0.2986

■ 2.2662, 0.2246,
0.2310

118.7144, 0.2879,
0.3010

■ 0.7557, 0.1916,
0.1944

150.1348, 0.2897,
0.3031

■ 0.0000, 0.0000,
0.0000

186.6609, 0.2913,

0.3049

228.6772, 0.2927,
0.3064

■ 24.7455, 0.2712,
0.2824

■ 24.7455, 0.2712,
0.2824

■ 20.7377, 0.2539,
0.2610

■ 29.2642, 0.2879,
0.3019

■ 17.2185, 0.2364,
0.2380

■ 34.3087, 0.3037,
0.3194

■ 14.1685, 0.2193,
0.2138

■ 39.8974, 0.3184,
0.3349

■ 11.5655, 0.2032,
0.1891

■ 46.0465, 0.3320,
0.3487

■ 9.3853, 0.1888,
0.1647

■ 52.7715, 0.3445,
0.3607

■ 7.6010, 0.1770,
0.1417

■ 60.0876, 0.3559,
0.3712

■ 6.1791, 0.1680,
0.1209

■ 68.0090, 0.3663,
0.3804

■ 5.6946, 0.1648,
0.1134

■ 76.5498, 0.3758,
0.3885

■ 82.6623, 0.3729,
0.3984

Harmonies

Analogous

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



24.7455, 0.2595, 0.2932



24.7455, 0.2712, 0.2824



24.7455, 0.2940, 0.2835

Triad

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



24.7455, 0.2712, 0.2824



24.7455, 0.3671, 0.3393



24.7455, 0.3009, 0.3664

Complementary

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



24.7455, 0.2712, 0.2824



31.2190, 0.3563, 0.3716

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.



24.7455, 0.3297, 0.3794



24.7455, 0.2712, 0.2824



24.7455, 0.3687, 0.3618

Square

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



24.7455, 0.2712, 0.2824



24.7455, 0.3500, 0.3154



24.7455, 0.3547, 0.3771



24.7455, 0.2761, 0.3419

Rectangle

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



24.7455, 0.2712, 0.2824



24.7455, 0.3130, 0.2904



24.7455, 0.3547, 0.3771



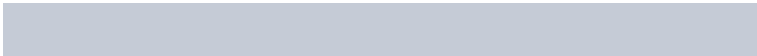
24.7455, 0.3104, 0.3723

Sweetspot

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



24.7465, 0.2712, 0.2824



59.4743, 0.3004, 0.3159



33.2460, 0.2869, 0.3535



12.7098, 0.2982, 0.3134



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.7465, 0.2712, 0.2824



40.2490, 0.2617, 0.2708



21.2649, 0.2755, 0.2578



7.2451, 0.2987, 0.3140



4.3946, 0.1653, 0.1152



0.1783, 0.1858, 0.1887

Inverse Universe

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



23.7278, 0.3481, 0.3060



38.3811, 0.3582, 0.3008



35.6368, 0.3446, 0.3939



7.1248, 0.3233, 0.3212



6.2878, 0.5535, 0.2823



0.1408, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 24.7455, 0.2712, 0.2824 looks on a white background.

Color Contrast Check

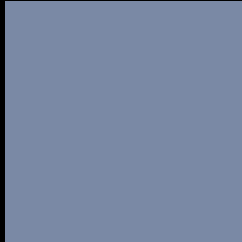
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7455, 0.2712, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

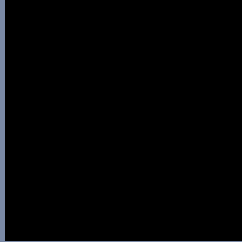
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

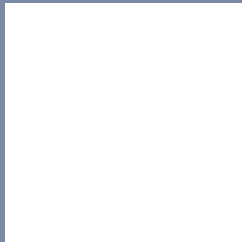
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.7455, 0.2712, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 24.7455, 0.2712, 0.2824.



This preview shows how white text looks on a background with the Yxy color 24.7455, 0.2712, 0.2824.

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

24.7455, 0.2712, 0.2824

Protanopia

24.7541, 0.2794, 0.2815

Deuteranopia

24.6791, 0.2824, 0.2759



Tritanopia

24.6215, 0.2807, 0.3082

Trichromacy



Original Color

24.7455, 0.2712, 0.2824

Protanomaly

24.8007, 0.2766, 0.2828

Deuteranomaly

24.5492, 0.2776, 0.2768

Tritanomaly

24.5703, 0.2771, 0.2982

Monochromacy



Original Color

24.7455, 0.2712, 0.2824

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5402, 0.2963, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7455, 0.2712, 0.2824 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(122, 137, 165)` looks like.

```
.text, #text, p{  
    color:rgb(122, 137, 165)  
}
```

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(122, 137, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 137, 165) }
```

Border

The CSS property to change the border of an element to Yxy 24.7455, 0.2712, 0.2824 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(122, 137, 165) }
```

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

```
.border{ border-color:rgb(122, 137, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 137, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 137, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 137, 165);  
box-shadow:4px 4px 4px 4px rgb(122, 137,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7455, 0.2712, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 137, 165) }
```

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

```
.background{ background-color: rgb(122,  
137, 165) }
```

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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