

Converting Colors

$Y_{xy}(22.5732, 0.2986, 0.3934)$

Have a look what the booklet for
Yxy(22.5732, 0.2986, 0.3934)
contains.

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Color

$Y_{xy}(22.6738, 0.2985, 0.3944)$

Conversions

Conversions Part 1

Format	Color
Hex	618D6C
RGB	97, 141, 108
RGB Percent	38%, 55%, 42%
CMY	0.6196, 0.4470, 0.5765
CMYK	0.31, 0.00, 0.23, 0.45
HSL	135°, 18%, 47%
HSV	135°, 31%, 55%
XYZ	17.1606, 22.6738, 17.6550
YIQ	124.0820, -15.6310, -19.5910

Conversions

Conversions Part 2

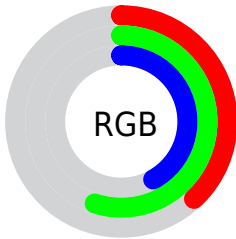
Format	Color
R_{YB}	97, 132, 141
Decimal	6393196
CIE _{Lab}	54.73, -22.29, 12.90
CIE _{LCh}	55, 25.755, 149.952
Yxy	22.6738, 0.2985, 0.3944
Android (android.graphics.Color)	4284583276 (0xFF618D6C)
YUV	124.0820, -7.9284, -23.7509
Hunter-Lab	47.6170, -19.0006, 11.3489

Details

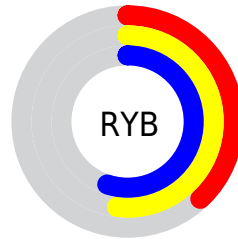
The Yxy color $22.6738, 0.2985, 0.3944$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.8245, 0.3310, 0.2715$, and the grayscale version is $20.2155, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.9578, 0.3019, 0.3785$, and $8.4368, 0.2915, 0.4259$ is the 20% darker color. If you saturate the color by 10%, you get $21.7561, 0.2945, 0.4198$, and if you desaturate by 10%, it is $23.7585, 0.3029, 0.3710$.

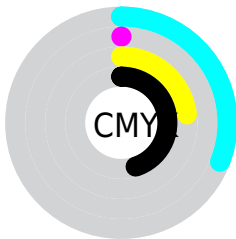
Distribution



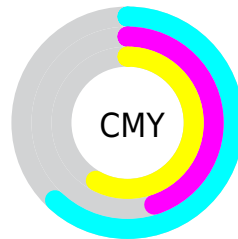
- Red (38%)
- Green (55%)
- Blue (42%)



- Red (38%)
- Yellow (52%)
- Blue (55%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)





- Cyan (62%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6738, 0.2985, 0.3944 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 22.6738, 0.2985, 0.3944 by changing the saturation by 10% instead.


 22.6738, 0.2985,
0.3944


 22.6738, 0.2985,
0.3944


266.0451, 0.3071,
0.3565


 14.3528, 0.2956,
0.4062


 47.8571, 0.3021,
0.3791


 8.3665, 0.2913,
0.4232


 65.4883, 0.3033,
0.3738

 4.3303, 0.2843,
0.4495

 86.9917, 0.3043,
0.3695

 1.8600, 0.2711,
0.4958

 112.7516, 0.3051,
0.3660

 0.5242, 0.0000,
1.0000

143.1525, 0.3057,
0.3630

 0.0000, 0.0000,
0.0000

178.5788, 0.3063,

0.3605

219.4149, 0.3067,
0.3583

■ 22.6738, 0.2985,
0.3944

■ 22.6738, 0.2985,
0.3944

■ 21.7561, 0.2945,
0.4198

■ 23.7585, 0.3029,
0.3710

■ 20.9941, 0.2911,
0.4468

■ 25.0149, 0.3075,
0.3499

■ 20.3799, 0.2887,
0.4746


■ 26.4512, 0.3122,
0.3311

■ 19.9036, 0.2875,
0.5020


■ 28.0743, 0.3167,
0.3145


■ 19.5539, 0.2876,
0.5278

■ 29.8904, 0.3211,
0.3000

 19.3177, 0.2892,
0.5505

 31.9057, 0.3253,
0.2873

 19.1736, 0.2909,
0.5674

 34.1262, 0.3292,
0.2763

 36.5573, 0.3329,
0.2667

 39.2044, 0.3363,
0.2583

Harmonies

Analogous

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



22.6738, 0.3438, 0.4117



22.6738, 0.2985, 0.3944



22.6738, 0.2589, 0.3549

Triad

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



22.6738, 0.2985, 0.3944



22.6738, 0.2446, 0.2574



22.6738, 0.3977, 0.3385

Complementary

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



22.6738, 0.2985, 0.3944



15.8245, 0.3310, 0.2715

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.



22.6738, 0.3672, 0.3029



22.6738, 0.2985, 0.3944



22.6738, 0.2774, 0.2578

Square

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



22.6738, 0.2985, 0.3944



22.6738, 0.2296, 0.2750



22.6738, 0.3221, 0.2742



22.6738, 0.4030, 0.3745

Rectangle

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



22.6738, 0.2985, 0.3944



22.6738, 0.2405, 0.3243



22.6738, 0.3221, 0.2742



22.6738, 0.3900, 0.3262

Sweetspot

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



22.6747, 0.2985, 0.3944



45.2868, 0.3085, 0.3459



24.7183, 0.3460, 0.4073



10.0438, 0.3079, 0.3485



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.



22.6747, 0.2985, 0.3944



39.4885, 0.2958, 0.4109



23.1845, 0.2794, 0.3514



6.0501, 0.3085, 0.3459



17.4838, 0.2908, 0.5667



0.1703, 0.2698, 0.4913

Inverse Universe

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



15.8245, 0.3310, 0.2715



25.3321, 0.3359, 0.2593



15.3107, 0.3622, 0.3080



5.4883, 0.3173, 0.3126



6.1110, 0.3939, 0.1944



0.0619, 0.3541, 0.1724

Previews

White Background



This preview shows how the Yxy color 22.6738, 0.2985, 0.3944 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 22.6738, 0.2985, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

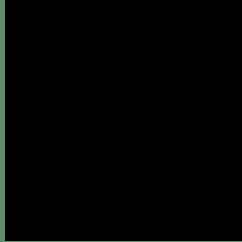
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6738, 0.2985, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 22.6738, 0.2985, 0.3944.



This preview shows how white text looks on a background with the Yxy color 22.6738, 0.2985, 0.3944.

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

22.6738, 0.2985, 0.3944

Protanopia

22.4335, 0.3539, 0.3766

Deuteranopia

22.5534, 0.3599, 0.3544



Tritanopia

22.7182, 0.2705, 0.3089

Trichromacy



Original Color

22.6738, 0.2985, 0.3944

Protanomaly

22.3552, 0.3320, 0.3828

Deuteranomaly

22.1837, 0.3357, 0.3670

Tritanomaly

22.6952, 0.2803, 0.3383

Monochromacy



Original Color

22.6738, 0.2985, 0.3944

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.8507, 0.3070, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6738, 0.2985, 0.3944 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(97, 141, 108)` looks like.

```
.text, #text, p{  
    color:rgb(97, 141, 108)  
}
```

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(97, 141, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 141, 108) }
```

Border

The CSS property to change the border of an element to Yxy 22.6738, 0.2985, 0.3944 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(97, 141, 108) }
```

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

```
.border{ border-color:rgb(97, 141, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 141, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 141, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 141, 108);  
box-shadow:4px 4px 4px 4px rgb(97, 141,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6738, 0.2985, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 141, 108) }
```

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

```
.background{ background-color: rgb(97, 141,  
108) }
```

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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