

Converting Colors

$Y_{xy}(22.9368, 0.2743, 0.3502)$

Have a look what the booklet for
Yxy(22.9368, 0.2743, 0.3502)
contains.

Yxy(22.9368, 0.2743, 0.3502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.9368, 0.2743, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	5C8D82
RGB	92, 141, 130
RGB Percent	36%, 55%, 51%
CMY	0.6393, 0.4470, 0.4903
CMYK	0.35, 0.00, 0.08, 0.45
HSL	167°, 21%, 46%
HSV	167°, 35%, 55%
XYZ	17.9656, 22.9368, 24.5939
YIQ	125.0950, -25.6730, -13.8090

Conversions

Conversions Part 2

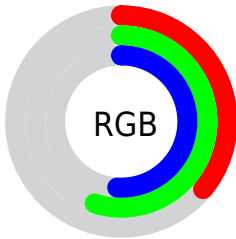
Format	Color
R _Y B	92, 120, 141
Decimal	6065538
CIE Lab	55.01, -19.12, 0.62
CIE LCh	55, 19.127, 178.128
Yxy	22.9368, 0.2743, 0.3502
Android (android.graphics.Color)	4284255618 (0xFF5C8D82)
YUV	125.0950, 2.4182, -29.0243
Hunter-Lab	47.8924, -16.8518, 3.0779

Details

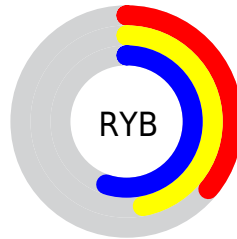
The Yxy color **22.9368, 0.2743, 0.3502** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.2943, 0.3733, 0.3092**, and the grayscale version is **20.5390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.3784, 0.2826, 0.3456**, and **8.5685, 0.2590, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **22.1942, 0.2653, 0.3574**, and if you desaturate by 10%, it is **23.8191, 0.2844, 0.3435**.

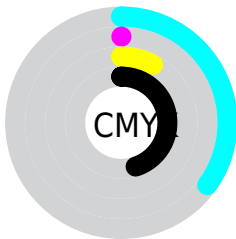
Distribution



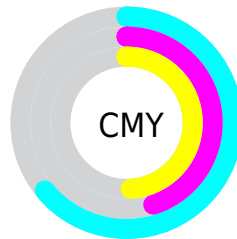
- Red (36%)
- Green (55%)
- Blue (51%)



- Red (36%)
- Yellow (47%)
- Blue (55%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (45%)





- Cyan (64%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9368, 0.2743, 0.3502 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 22.9368, 0.2743, 0.3502 by changing the saturation by 10% instead.


 22.9368, 0.2743,
0.3502


 22.9368, 0.2743,
0.3502


267.4002, 0.2957,
0.3383


 14.5468, 0.2680,
0.3537


 48.2895, 0.2827,
0.3455


 8.5020, 0.2594,
0.3585


 66.0211, 0.2857,
0.3439

 4.4178, 0.2466,
0.3657

 87.6353, 0.2881,
0.3426

 1.9099, 0.2258,
0.3775

 113.5166, 0.2901,
0.3414

 0.5543, 0.0513,
0.4720

144.0494, 0.2919,
0.3405

 0.0000, 0.0000,
0.0000

179.6179, 0.2933,

0.3397

220.6068, 0.2946,
0.3390

■ 22.9368, 0.2743,
0.3502

■ 22.9368, 0.2743,
0.3502

■ 22.1942, 0.2653,
0.3574

■ 23.8191, 0.2844,
0.3435

■ 21.5809, 0.2577,
0.3649

■ 24.8451, 0.2954,
0.3372

■ 21.0896, 0.2518,
0.3728

■ 26.0224, 0.3070,
0.3315

■ 20.7110, 0.2476,
0.3808

■ 27.3571, 0.3190,
0.3264

■ 20.4346, 0.2453,
0.3889

■ 28.8548, 0.3312,
0.3217

■ 20.2464, 0.2448,
0.3969

■ 30.5210, 0.3433,
0.3176

■ 20.1626, 0.2448,
0.4011

■ 32.3609, 0.3552,
0.3140

■ 34.3795, 0.3669,
0.3108

■ 36.5816, 0.3782,
0.3080

Harmonies

Analogous

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



22.9368, 0.3048, 0.3776



22.9368, 0.2743, 0.3502



22.9368, 0.2546, 0.3175

Triad

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



22.9368, 0.2743, 0.3502



22.9368, 0.2848, 0.2747



22.9368, 0.3799, 0.3626

Complementary

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



22.9368, 0.2743, 0.3502



14.2943, 0.3733, 0.3092

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.



22.9368, 0.3744, 0.3353



22.9368, 0.2743, 0.3502



22.9368, 0.3179, 0.2864

Square

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



22.9368, 0.2743, 0.3502



22.9368, 0.2604, 0.2757



22.9368, 0.3512, 0.3081



22.9368, 0.3663, 0.3831

Rectangle

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



22.9368, 0.2743, 0.3502



22.9368, 0.2496, 0.2984



22.9368, 0.3512, 0.3081



22.9368, 0.3802, 0.3539

Sweetspot

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



22.9377, 0.2743, 0.3502



45.4139, 0.3006, 0.3346



22.7330, 0.3200, 0.4254



10.0862, 0.2992, 0.3353



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.



22.9377, 0.2743, 0.3502



39.9720, 0.2669, 0.3560



19.6191, 0.2619, 0.3035



6.0959, 0.3018, 0.3340



18.3849, 0.2447, 0.4008



0.1791, 0.2342, 0.3630

Inverse Universe

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



14.2943, 0.3733, 0.3092



22.0008, 0.3945, 0.3045



16.5506, 0.3833, 0.3529



5.4427, 0.3248, 0.3241



5.2591, 0.5947, 0.3050



0.0531, 0.4952, 0.2501

Previews

White Background



This preview shows how the Yxy color 22.9368, 0.2743, 0.3502 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 22.9368, 0.2743, 0.3502 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

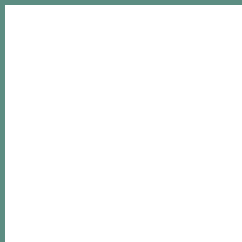
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.9368, 0.2743, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 22.9368, 0.2743, 0.3502.

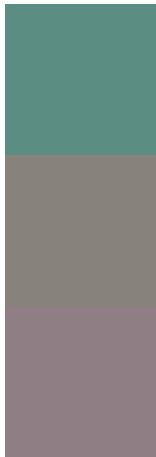


This preview shows how white text looks on a background with the Yxy color 22.9368, 0.2743, 0.3502.

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

22.9368, 0.2743, 0.3502

Protanopia

22.8387, 0.3250, 0.3413

Deuteranopia

22.7118, 0.3251, 0.3189



Tritanopia

22.8883, 0.2622, 0.3086

Trichromacy



Original Color

22.9368, 0.2743, 0.3502

Protanomaly

22.7562, 0.3042, 0.3455

Deuteranomaly

22.4536, 0.3037, 0.3290

Tritanomaly

22.8511, 0.2664, 0.3232

Monochromacy



Original Color

22.9368, 0.2743, 0.3502

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.2756, 0.2967, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9368, 0.2743, 0.3502 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(92, 141, 130)` looks like.

```
.text, #text, p{  
  color:rgb(92, 141, 130)  
}
```

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(92, 141, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 141, 130) }
```

Border

The CSS property to change the border of an element to Yxy 22.9368, 0.2743, 0.3502 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(92, 141, 130) }
```

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

```
.border{ border-color:rgb(92, 141, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 141, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 141, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 141, 130);  
box-shadow:4px 4px 4px 4px rgb(92, 141,  
130) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.9368, 0.2743, 0.3502$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 141, 130) }
```

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

```
.background{ background-color: rgb(92, 141,  
130) }
```

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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