

Converting Colors

$Yxy(21.6747, 0.2699, 0.3576)$

Have a look what the booklet for
Yxy(21.6747, 0.2699, 0.3576)
contains.

Yxy(21.7397, 0.2696, 0.3571)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(21.7397, 0.2696, 0.3571)$

Conversions

Conversions Part 1

Format	Color
Hex	528B7D
RGB	82, 139, 125
RGB Percent	32%, 55%, 49%
CMY	0.6784, 0.4549, 0.5099
CMYK	0.41, 0.00, 0.10, 0.45
HSL	165°, 26%, 43%
HSV	165°, 41%, 55%
XYZ	16.4128, 21.7397, 22.7259
YIQ	120.3610, -29.4780, -16.4380

Conversions

Conversions Part 2

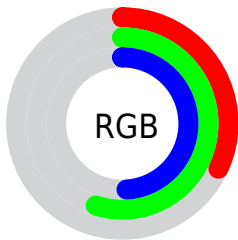
Format	Color
R_{YB}	82, 114, 139
Decimal	5409661
CIE _{Lab}	53.75, -22.21, 1.62
CIE _{LCh}	54, 22.273, 175.824
Yxy	21.7397, 0.2696, 0.3571
Android (android.graphics.Color)	4283599741 (0xFF528B7D)
YUV	120.3610, 2.2870, -33.6426
Hunter-Lab	46.6259, -18.7612, 3.7395

Details

The Yxy color **21.7397, 0.2696, 0.3571** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.3692, 0.3869, 0.3033**, and the grayscale version is **18.9037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4226, 0.2788, 0.3504**, and **7.9426, 0.2524, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **21.0933, 0.2617, 0.3653**, and if you desaturate by 10%, it is **22.5171, 0.2788, 0.3494**.

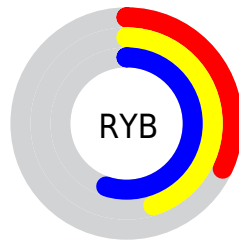
Distribution



Red (32%)

Green (55%)

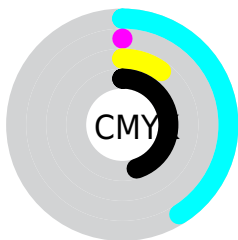
Blue (49%)



Red (32%)

Yellow (45%)

Blue (55%)

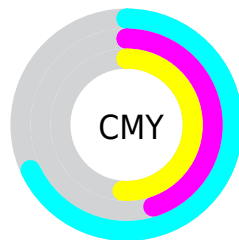


Cyan (41%)

Magenta (0%)

Yellow (10%)

Black (45%)



Cyan (68%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.7397, 0.2696, 0.3571 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 21.7397, 0.2696, 0.3571 by changing the saturation by 10% instead.

21.7397, 0.2696,
0.3571

21.7397, 0.2696,
0.3571

261.1839, 0.2939,
0.3412

13.6658, 0.2624,
0.3619

46.3154, 0.2792,
0.3508

7.8886, 0.2524,
0.3686

63.5860, 0.2826,
0.3486

4.0237, 0.2374,
0.3788

84.6908, 0.2853,
0.3468

1.6868, 0.2127,
0.3959

110.0144, 0.2876,
0.3453

0.4151, 0.0000,
0.5508

139.9411, 0.2895,
0.3440

0.0000, 0.0000,
0.0000

174.8554, 0.2912,

0.3429

215.1415, 0.2926,
0.3420

■ 21.7397, 0.2696,
0.3571

■ 21.7397, 0.2696,
0.3571

■ 21.0933, 0.2617,
0.3653

■ 22.5171, 0.2788,
0.3494

■ 20.5677, 0.2552,
0.3738

■ 23.4299, 0.2891,
0.3422

■ 20.1550, 0.2505,
0.3826


■ 24.4855, 0.3001,
0.3356

■ 19.8457, 0.2477,
0.3915

■ 25.6902, 0.3115,
0.3296


■ 19.6285, 0.2467,
0.4004


■ 27.0495, 0.3233,
0.3241

 19.4824, 0.2468,
0.4084

 28.5691, 0.3351,
0.3193

 30.2540, 0.3468,
0.3150

 32.1091, 0.3583,
0.3112

 34.1393, 0.3695,
0.3079

Harmonies

Analogous

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



21.7397, 0.3060, 0.3892



21.7397, 0.2696, 0.3571



21.7397, 0.2455, 0.3178

Triad

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



21.7397, 0.2696, 0.3571



21.7397, 0.2770, 0.2649



21.7397, 0.3927, 0.3656

Complementary

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



21.7397, 0.2696, 0.3571



12.3692, 0.3869, 0.3033

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.



21.7397, 0.3846, 0.3334



21.7397, 0.2696, 0.3571



21.7397, 0.3155, 0.2777

Square

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



21.7397, 0.2696, 0.3571



21.7397, 0.2497, 0.2670



21.7397, 0.3556, 0.3021



21.7397, 0.3779, 0.3912

Rectangle

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



21.7397, 0.2696, 0.3571



21.7397, 0.2389, 0.2947



21.7397, 0.3556, 0.3021



21.7397, 0.3926, 0.3552

Sweetspot

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



21.7406, 0.2696, 0.3571



43.5951, 0.2987, 0.3364



21.5762, 0.3217, 0.4448



9.9949, 0.2974, 0.3371



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.



21.7406, 0.2696, 0.3571



37.8717, 0.2623, 0.3645



18.2631, 0.2538, 0.3002



5.6679, 0.3022, 0.3344



17.5854, 0.2467, 0.4080



0.1191, 0.2352, 0.3666

Inverse Universe

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



12.3692, 0.3869, 0.3033



18.7610, 0.4125, 0.2980



14.5105, 0.4013, 0.3556



5.0675, 0.3244, 0.3236



5.0618, 0.5877, 0.3011



0.0357, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 21.7397, 0.2696, 0.3571 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 21.7397, 0.2696, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

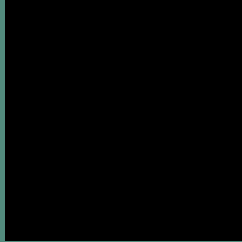
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.7397, 0.2696, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 21.7397, 0.2696, 0.3571.

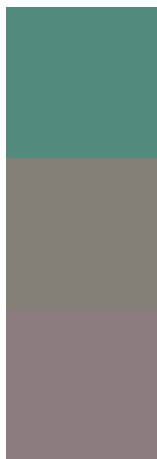


This preview shows how white text looks on a background with the Yxy color 21.7397, 0.2696, 0.3571.

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

21.7397, 0.2696, 0.3571

Protanopia

21.4162, 0.3277, 0.3434

Deuteranopia

21.5493, 0.3277, 0.3221



Tritanopia

21.7896, 0.2558, 0.3080

Trichromacy



Original Color

21.7397, 0.2696, 0.3571

Protanomaly

21.1905, 0.3039, 0.3479

Deuteranomaly

21.1548, 0.3033, 0.3327

Tritanomaly

21.7338, 0.2608, 0.3250

Monochromacy



Original Color

21.7397, 0.2696, 0.3571

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

19.6481, 0.2939, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7397, 0.2696, 0.3571 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(82, 139, 125)` looks like.

```
.text, #text, p{  
    color:rgb(82, 139, 125)  
}
```

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(82, 139, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 139, 125) }
```

Border

The CSS property to change the border of an element to Yxy 21.7397, 0.2696, 0.3571 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(82, 139, 125) }
```

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

```
.border{ border-color:rgb(82, 139, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 139, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 139, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 139, 125);  
box-shadow:4px 4px 4px 4px rgb(82, 139,  
125) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.7397, 0.2696, 0.3571$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 139, 125) }
```

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

```
.background{ background-color: rgb(82, 139,  
125) }
```

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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