

Converting Colors

$Yxy(21.1113, 0.2728, 0.3372)$

Have a look what the booklet for
Yxy(21.1113, 0.2728, 0.3372)
contains.

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Color

$\text{Yxy}(21.2150, 0.2731, 0.3387)$

Conversions

Conversions Part 1

Format	Color
Hex	5C8782
RGB	92, 135, 130
RGB Percent	36%, 53%, 51%
CMY	0.6393, 0.4706, 0.4902
CMYK	0.32, 0.00, 0.04, 0.47
HSL	173°, 19%, 45%
HSV	173°, 32%, 53%
XYZ	17.1060, 21.2150, 24.3155
YIQ	121.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

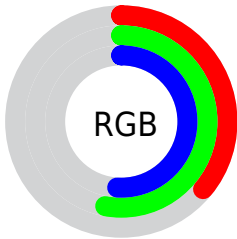
Format	Color
R_{YB}	92, 115, 135
Decimal	6064002
CIE _{Lab}	53.18, -15.91, -2.06
CIE _{LCh}	53, 16.042, 187.368
Yxy	21.2150, 0.2731, 0.3387
Android (android.graphics.Color)	4284254082 (0xFF5C8782)
YUV	121.5730, 4.1545, -25.9355
Hunter-Lab	46.0597, -14.3118, 0.9419

Details

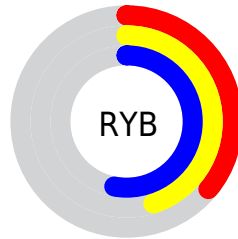
The Yxy color **21.2150, 0.2731, 0.3387** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.6655, 0.3738, 0.3197**, and the grayscale version is **19.3074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3146, 0.2820, 0.3359**, and **7.6047, 0.2571, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **20.5398, 0.2628, 0.3422**, and if you desaturate by 10%, it is **22.0165, 0.2846, 0.3354**.

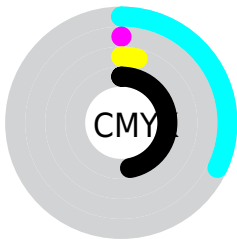
Distribution



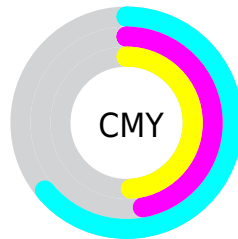
- Red (36%)
- Green (53%)
- Blue (51%)



- Red (36%)
- Yellow (45%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)





- Cyan (64%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2150, 0.2731, 0.3387 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 21.2150, 0.2731, 0.3387 by changing the saturation by 10% instead.


 21.2150, 0.2731,
0.3387


 21.2150, 0.2731,
0.3387


258.4189, 0.2954,
0.3334


 13.2813, 0.2665,
0.3402


 45.4451, 0.2819,
0.3367


 7.6225, 0.2574,
0.3422


 62.5102, 0.2850,
0.3359

 3.8544, 0.2438,
0.3451

 83.3879, 0.2875,
0.3353

 1.5924, 0.2214,
0.3495

 108.4626, 0.2896,
0.3348

 0.3525, 0.0000,
0.4005

138.1186, 0.2913,
0.3344

 0.0000, 0.0000,
0.0000

172.7404, 0.2929,

0.3340

212.7124, 0.2942,
0.3337

■ 21.2150, 0.2731,
0.3387

■ 21.2150, 0.2731,
0.3387

■ 20.5398, 0.2628,
0.3422

■ 22.0165, 0.2846,
0.3354

■ 19.9817, 0.2539,
0.3459

■ 22.9477, 0.2971,
0.3323

■ 19.5343, 0.2466,
0.3497

■ 24.0154, 0.3102,
0.3295

■ 19.1898, 0.2411,
0.3536

■ 25.2247, 0.3238,
0.3269

■ 18.9389, 0.2374,
0.3575

■ 26.5808, 0.3375,
0.3246

■ 18.7712, 0.2354,
0.3614

■ 28.0884, 0.3513,
0.3226

■ 18.6692, 0.2346,
0.3646

■ 29.7523, 0.3649,
0.3208

■ 31.5767, 0.3782,
0.3192

■ 33.5660, 0.3910,
0.3179

Harmonies

Analogous

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



21.2150, 0.2973, 0.3644



21.2150, 0.2731, 0.3387



21.2150, 0.2596, 0.3114

Triad

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



21.2150, 0.2731, 0.3387



21.2150, 0.2971, 0.2838



21.2150, 0.3686, 0.3647

Complementary

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



21.2150, 0.2731, 0.3387



13.6655, 0.3738, 0.3197

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.



21.2150, 0.3689, 0.3423



21.2150, 0.2731, 0.3387



21.2150, 0.3266, 0.2971

Square

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



21.2150, 0.2731, 0.3387



21.2150, 0.2729, 0.2813



21.2150, 0.3533, 0.3180



21.2150, 0.3527, 0.3788

Rectangle

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



21.2150, 0.2731, 0.3387



21.2150, 0.2580, 0.2965



21.2150, 0.3533, 0.3180



21.2150, 0.3705, 0.3578

Sweetspot

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



21.2159, 0.2731, 0.3387



41.3886, 0.2992, 0.3318



20.6434, 0.3139, 0.4174



9.5337, 0.2976, 0.3322



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



21.2159, 0.2731, 0.3387



37.1220, 0.2657, 0.3411



17.1021, 0.2649, 0.2957



5.2698, 0.3006, 0.3315



17.2152, 0.2346, 0.3644



0.0603, 0.2293, 0.3454

Inverse Universe

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



13.6655, 0.3738, 0.3197



21.4614, 0.3933, 0.3177



16.7494, 0.3726, 0.3600



4.6969, 0.3262, 0.3265



4.7846, 0.6211, 0.3195



0.0171, 0.5527, 0.2819

Previews

White Background



This preview shows how the Yxy color 21.2150, 0.2731, 0.3387 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 21.2150, 0.2731, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

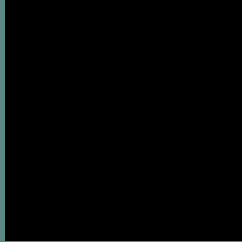
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2150, 0.2731, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 21.2150, 0.2731, 0.3387.



This preview shows how white text looks on a background with the Yxy color 21.2150, 0.2731, 0.3387.

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

21.2150, 0.2731, 0.3387

Protanopia

21.0695, 0.3174, 0.3308

Deuteranopia

21.0936, 0.3172, 0.3116



Tritanopia

21.2216, 0.2633, 0.3081

Trichromacy



Original Color

21.2150, 0.2731, 0.3387

Protanomaly

20.9458, 0.2999, 0.3327

Deuteranomaly

20.8378, 0.2993, 0.3198

Tritanomaly

21.2940, 0.2669, 0.3193

Monochromacy



Original Color

21.2150, 0.2731, 0.3387

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.0389, 0.2964, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2150, 0.2731, 0.3387 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, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(92, 135, 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, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 135, 130) }
```

Border

The CSS property to change the border of an element to Yxy 21.2150, 0.2731, 0.3387 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, 135, 130) }
```

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

```
.border{ border-color:rgb(92, 135, 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, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(92, 135,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2150, 0.2731, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 135, 130) }
```

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

```
.background{ background-color: rgb(92, 135,  
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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