

Converting Colors

$Yxy(47.3077, 0.2735, 0.3222)$

Have a look what the booklet for
Yxy(47.3077, 0.2735, 0.3222)
contains.

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Color

Yxy(47.1764, 0.2737, 0.3220)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 90BFC4 |
| RGB | 144, 191, 196 |
| RGB Percent | 56%, 75%, 77% |
| CMY | 0.4353, 0.2510, 0.2313 |
| CMYK | 0.27, 0.03, 0.00, 0.23 |
| HSL | 186°, 31%, 67% |
| HSV | 186°, 27%, 77% |
| XYZ | 40.0999, 47.1764, 59.2342 |
| YIQ | 177.5170, -29.6170, -8.4090 |

Conversions

Conversions Part 2

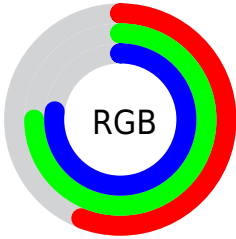
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 144, 169, 196 |
| Decimal | 9486276 |
| CIELab | 74.30, -14.23, -7.57 |
| CIELCh | 74, 16.119, 208.027 |
| Yxy | 47.1764, 0.2737, 0.3220 |
| Android (android.graphics.Color) | 4287676356 (0xFF90BFC4) |
| YUV | 177.5170, 9.1121, -29.3944 |
| Hunter-Lab | 68.6851, -15.9865, -3.0523 |

Details

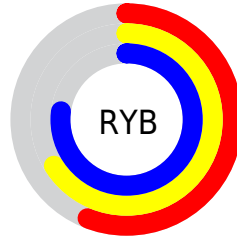
The Yxy color **47.1764, 0.2737, 0.3220** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.2620, 0.3673, 0.3359**, and the grayscale version is **44.2180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7555, 0.2804, 0.3226**, and **22.4053, 0.2636, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **44.7419, 0.2607, 0.3190**, and if you desaturate by 10%, it is **49.9319, 0.2878, 0.3248**.

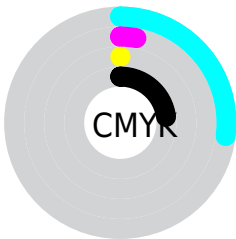
Distribution



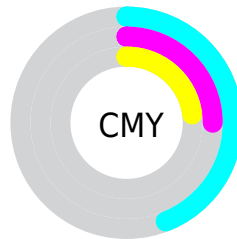
- Red (56%)
- Green (75%)
- Blue (77%)



- Red (56%)
- Yellow (66%)
- Blue (77%)



- Cyan (27%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)




- Cyan (44%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1764, 0.2737, 0.3220 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 47.1764, 0.2737, 0.3220 by changing the saturation by 10% instead.


 47.1764, 0.2737,
0.3220


 47.1764, 0.2737,
0.3220


375.5182, 0.2929,
0.3258

 33.1751, 0.2690,
0.3210


 85.9769, 0.2806,
0.3234

 22.2606, 0.2630,
0.3196


 111.5449, 0.2832,
0.3240

 14.0485, 0.2551,
0.3177


141.7372, 0.2855,
0.3244

 8.1544, 0.2442,
0.3150

176.9383, 0.2874,
0.3248

 4.1939, 0.2284,
0.3105

217.5326, 0.2890,
0.3251

 1.7826, 0.2034,
0.3024

263.9044, 0.2905,

 0.4763, 0.0646,

0.3253

0.2918

316.4381, 0.2918,
0.3256

0.0000, 0.0000,
0.0000

47.1764, 0.2737,
0.3220

47.1764, 0.2737,
0.3220

44.7419, 0.2607,
0.3190

49.9319, 0.2878,
0.3248

42.6069, 0.2490,
0.3159

53.0174, 0.3027,
0.3274

40.7558, 0.2389,
0.3126

56.4486, 0.3181,
0.3298

39.1697, 0.2306,
0.3093

60.2385, 0.3337,
0.3320

37.8268, 0.2242,
0.3060

64.3995, 0.3492,
0.3339

■ 36.7022, 0.2197,
0.3026

■ 67.6641, 0.3593,
0.3357

■ 35.7629, 0.2170,
0.2994

■ 68.5615, 0.3588,
0.3376

■ 35.4589, 0.2162,
0.2982

■ 69.4699, 0.3584,
0.3396

■ 70.3893, 0.3580,
0.3415

Harmonies

Analogous

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



47.1764, 0.2873, 0.3431



47.1764, 0.2737, 0.3220



47.1764, 0.2702, 0.3039

Triad

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



47.1764, 0.2737, 0.3220



47.1764, 0.3164, 0.3001



47.1764, 0.3485, 0.3651

Complementary

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



47.1764, 0.2737, 0.3220



35.2620, 0.3673, 0.3359

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.



47.1764, 0.3571, 0.3520



47.1764, 0.2737, 0.3220



47.1764, 0.3382, 0.3151

Square

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



47.1764, 0.2737, 0.3220



47.1764, 0.2942, 0.2922



47.1764, 0.3533, 0.3338



47.1764, 0.3303, 0.3686

Rectangle

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



47.1764, 0.2737, 0.3220



47.1764, 0.2740, 0.2958



47.1764, 0.3533, 0.3338



47.1764, 0.3526, 0.3616

Sweetspot

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



47.1783, 0.2737, 0.3220



95.0817, 0.3003, 0.3270



47.5728, 0.3062, 0.3977



20.1633, 0.2980, 0.3266



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



47.1783, 0.2737, 0.3220



82.7373, 0.2658, 0.3202



37.0755, 0.2703, 0.2859



11.2565, 0.2984, 0.3267



22.8459, 0.2163, 0.2987



1.0363, 0.2183, 0.3060

Inverse Universe

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



35.4512, 0.3205, 0.2696



58.0228, 0.3226, 0.2561



44.1634, 0.3590, 0.3686



10.2302, 0.3152, 0.3085



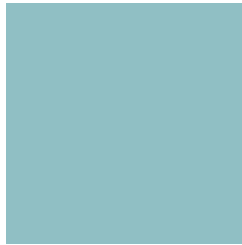
9.5885, 0.3466, 0.1683



0.4193, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 47.1764, 0.2737, 0.3220 looks on a white background.

Color Contrast Check

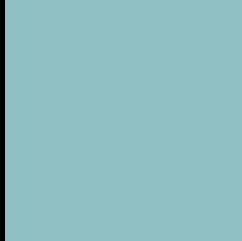
Large Text (above 18pt) WCAG AA × Fail

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 47.1764, 0.2737, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

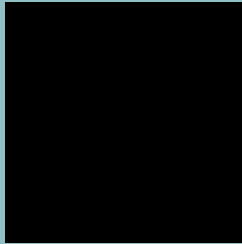
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

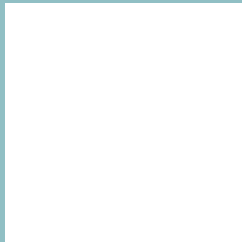
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1764, 0.2737, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 47.1764, 0.2737, 0.3220.



This preview shows how white text looks on a background with the Yxy color 47.1764, 0.2737, 0.3220.

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

47.1764, 0.2737, 0.3220

Protanopia

46.8327, 0.3073, 0.3174

Deuteranopia

46.7743, 0.3080, 0.3016



Tritanopia

47.3457, 0.2692, 0.3087

Trichromacy



Original Color

47.1764, 0.2737, 0.3220

Protanomaly

46.9387, 0.2944, 0.3197

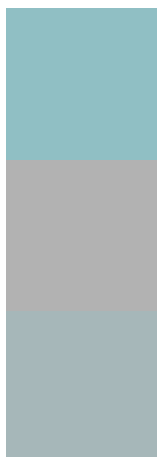
Deuteranomaly

46.6471, 0.2947, 0.3083

Tritanomaly

47.1109, 0.2704, 0.3126

Monochromacy



Original Color

47.1764, 0.2737, 0.3220

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.4767, 0.2971, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1764, 0.2737, 0.3220 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(144, 191, 196)` looks like.

```
.text, #text, p{  
    color:rgb(144, 191, 196)  
}
```

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(144, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 191, 196) }
```

Border

The CSS property to change the border of an element to Yxy 47.1764, 0.2737, 0.3220 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(144, 191, 196) }
```

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

```
.border{ border-color:rgb(144, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(144, 191,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1764, 0.2737, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 191, 196) }
```

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

```
.background{ background-color: rgb(144,  
191, 196) }
```

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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