

Converting Colors

$Y_{xy}(73.0980, 0.2691, 0.3520)$

Have a look what the booklet for
Yxy(73.0980, 0.2691, 0.3520)
contains.

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Color

Yxy(73.1962, 0.2691, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	94EFDC
RGB	148, 239, 220
RGB Percent	58%, 94%, 86%
CMY	0.4198, 0.0627, 0.1373
CMYK	0.38, 0.00, 0.08, 0.06
HSL	167°, 74%, 76%
HSV	167°, 38%, 94%
XYZ	55.9895, 73.1962, 78.8763
YIQ	209.6250, -48.1370, -25.2010

Conversions

Conversions Part 2

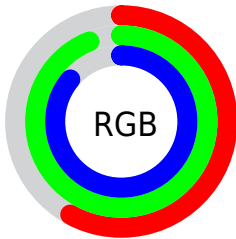
Format	Color
R_{YB}	148, 199, 239
Decimal	9760732
CIE _{Lab}	88.54, -31.47, 0.62
CIE _{LCh}	89, 31.475, 178.868
Yxy	73.1962, 0.2691, 0.3518
Android (android.graphics.Color)	4287950812 (0xFF94EFDC)
YUV	209.6250, 5.1149, -54.0451
Hunter-Lab	85.5548, -32.9054, 5.2266

Details

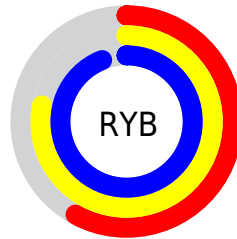
The Yxy color **73.1962, 0.2691, 0.3518** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.3085, 0.3869, 0.3080**, and the grayscale version is **64.1743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **38.8589, 0.2591, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **70.9358, 0.2603, 0.3589**, and if you desaturate by 10%, it is **75.9305, 0.2793, 0.3451**.

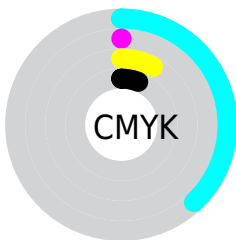
Distribution



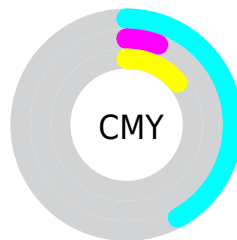
- Red (58%)
- Green (94%)
- Blue (86%)



- Red (58%)
- Yellow (78%)
- Blue (94%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)





- Cyan (42%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1962, 0.2691, 0.3518 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 73.1962, 0.2691, 0.3518 by changing the saturation by 10% instead.


 73.1962, 0.2691,
0.3518

 73.1962, 0.2691,
0.3518


471.6945, 0.2892,
0.3413

 54.1364, 0.2645,
0.3542


 123.7557, 0.2761,
0.3482

 38.7107, 0.2589,
0.3572


 156.0242, 0.2788,
0.3467

 26.5348, 0.2518,
0.3609


193.4644, 0.2811,
0.3455

 17.2241, 0.2425,
0.3658

236.4607, 0.2831,
0.3444

 10.3944, 0.2300,
0.3724

285.3974, 0.2849,
0.3435

 5.6612, 0.2122,
0.3820

340.6591, 0.2865,

 2.6402, 0.1849,

0.3427

0.3966

402.6300, 0.2879,
0.3419

0.9469, 0.0633,
0.4588

0.0000, 0.0000,
0.0000

73.1962, 0.2691,
0.3518

73.1962, 0.2691,
0.3518

70.9358, 0.2603,
0.3589

75.9305, 0.2793,
0.3451

69.1118, 0.2532,
0.3663


79.1560, 0.2905,
0.3389

67.6955, 0.2480,
0.3739


82.8998, 0.3026,
0.3332


66.6507, 0.2447,
0.3816


87.1846, 0.3151,
0.3281


 65.9348, 0.2434,
0.3894

 89.5908, 0.3196,
0.3233

 65.4887, 0.2438,
0.3970

 89.8999, 0.3165,
0.3185

 65.4179, 0.2440,
0.3985

 90.2174, 0.3135,
0.3137

 90.2208, 0.3134,
0.3136

Harmonies

Analogous

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



73.1962, 0.3027, 0.3832



73.1962, 0.2691, 0.3518



73.1962, 0.2477, 0.3150

Triad

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



73.1962, 0.2691, 0.3518



73.1962, 0.2823, 0.2689



73.1962, 0.3877, 0.3667

Complementary

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



73.1962, 0.2691, 0.3518



42.3085, 0.3869, 0.3080

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.



73.1962, 0.3822, 0.3365



73.1962, 0.2691, 0.3518



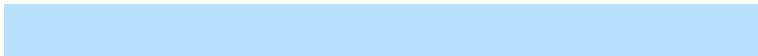
73.1962, 0.3194, 0.2823

Square

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



73.1962, 0.2691, 0.3518



73.1962, 0.2551, 0.2695



73.1962, 0.3566, 0.3064



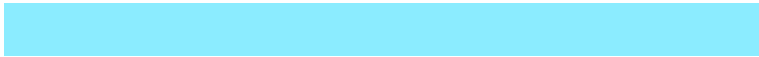
73.1962, 0.3718, 0.3896

Rectangle

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



73.1962, 0.2691, 0.3518



73.1962, 0.2426, 0.2939



73.1962, 0.3566, 0.3064



73.1962, 0.3883, 0.3570

Sweetspot

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



73.1991, 0.2691, 0.3518



94.6910, 0.2990, 0.3348



72.1678, 0.3196, 0.4410



20.1390, 0.2973, 0.3356



0.0000, 0.0000, 0.0000



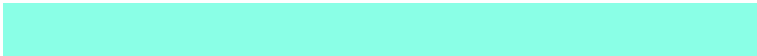
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1991, 0.2691, 0.3518



82.6384, 0.2619, 0.3575



60.2207, 0.2551, 0.2975



17.8691, 0.3009, 0.3340



36.1666, 0.2437, 0.3972



3.0227, 0.2409, 0.3871

Inverse Universe

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



42.3085, 0.3869, 0.3080



41.9671, 0.4112, 0.3037



50.6675, 0.3959, 0.3580



15.8129, 0.3260, 0.3241



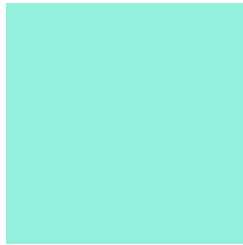
10.2833, 0.6050, 0.3106



0.8695, 0.5694, 0.2910

Previews

White Background



This preview shows how the Yxy color 73.1962, 0.2691, 0.3518 looks on a white background.

Color Contrast Check

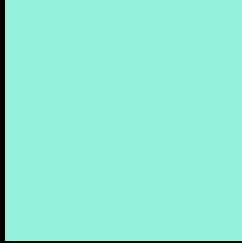
Large Text (above 18pt) WCAG AA × Fail

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 73.1962, 0.2691, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

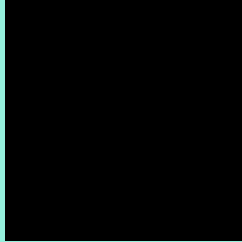
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

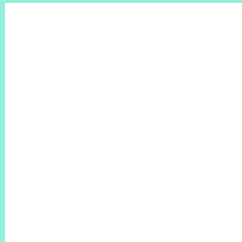
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1962, 0.2691, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 73.1962, 0.2691, 0.3518.

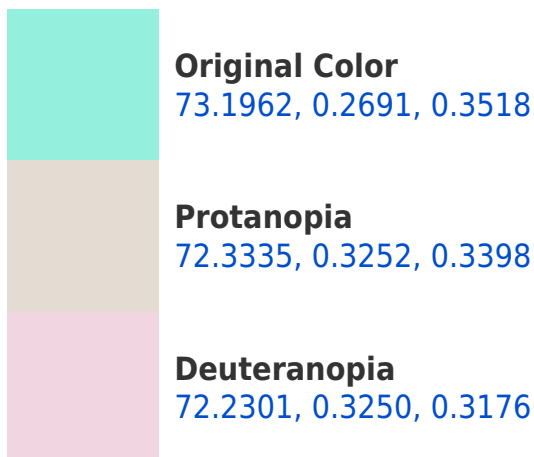


This preview shows how white text looks on a background with the Yxy color 73.1962, 0.2691, 0.3518.

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





Tritanopia

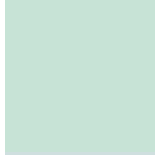
73.0054, 0.2561, 0.3072

Trichromacy



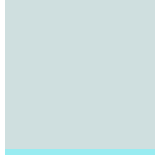
Original Color

73.1962, 0.2691, 0.3518



Protanomaly

71.9353, 0.3018, 0.3437



Deuteranomaly

71.3685, 0.3016, 0.3290



Tritanomaly

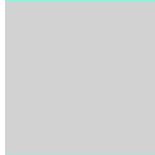
73.1141, 0.2607, 0.3230

Monochromacy



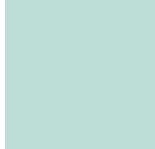
Original Color

73.1962, 0.2691, 0.3518



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.1327, 0.2937, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1962, 0.2691, 0.3518 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(148, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(148, 239, 220)  
}
```

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(148, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 239, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.1962, 0.2691, 0.3518 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(148, 239, 220) }
```

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

```
.border{ border-color:rgb(148, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(148, 239,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1962, 0.2691, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 239, 220) }
```

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

```
.background{ background-color: rgb(148,  
239, 220) }
```

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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