

Converting Colors

$Y_{xy}(72.2561, 0.2667, 0.3522)$

Have a look what the booklet for
Yxy(72.2561, 0.2667, 0.3522)
contains.

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Color

Yxy(72.0143, 0.2665, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	8EEEDB
RGB	142, 238, 219
RGB Percent	56%, 93%, 86%
CMY	0.4430, 0.0667, 0.1411
CMYK	0.40, 0.00, 0.08, 0.07
HSL	168°, 74%, 75%
HSV	168°, 40%, 93%
XYZ	54.5222, 72.0143, 78.0496
YIQ	207.1300, -51.1170, -26.2610

Conversions

Conversions Part 2

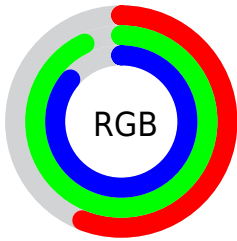
Format	Color
RYB	142, 195, 238
Decimal	9367259
CIELab	87.98, -32.72, 0.28
CIELCh	88, 32.725, 179.517
Yxy	72.0143, 0.2665, 0.3520
Android (android.graphics.Color)	4287557339 (0xFF8EEEDB)
YUV	207.1300, 5.8519, -57.1190
Hunter-Lab	84.8612, -33.8234, 4.8720

Details

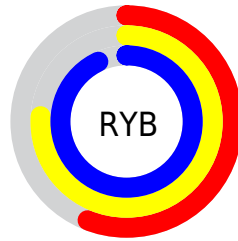
The Yxy color **72.0143, 0.2665, 0.3520** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.1106, 0.3944, 0.3079**, and the grayscale version is **62.4794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **38.0675, 0.2557, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **69.8866, 0.2580, 0.3588**, and if you desaturate by 10%, it is **74.6043, 0.2765, 0.3456**.

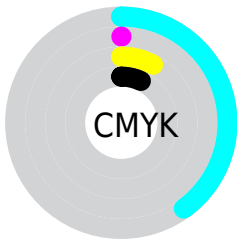
Distribution



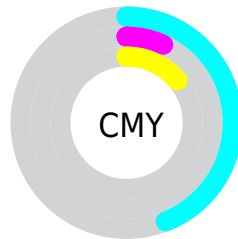
- Red (56%)
- Green (93%)
- Blue (86%)



- Red (56%)
- Yellow (76%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





- Cyan (44%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0143, 0.2665, 0.3520 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 72.0143, 0.2665, 0.3520 by changing the saturation by 10% instead.


 72.0143, 0.2665,
0.3520


 72.0143, 0.2665,
0.3520


467.5914, 0.2878,
0.3414

 53.1704, 0.2616,
0.3544


 122.0769, 0.2739,
0.3483

 37.9388, 0.2557,
0.3574

 154.0643, 0.2768,
0.3469

 25.9352, 0.2481,
0.3612


191.2016, 0.2793,
0.3456

 16.7752, 0.2382,
0.3661

233.8733, 0.2814,
0.3446

 10.0743, 0.2249,
0.3728

282.4637, 0.2833,
0.3436

 5.4483, 0.2058,
0.3824


337.3573, 0.2850,

 2.5126, 0.1767,


0.3428


0.3970

398.9384, 0.2865,
0.3420

 0.8829, 0.0216,
0.4733


 0.0000, 0.0000,
0.0000

 72.0143, 0.2665,
0.3520


 72.0143, 0.2665,
0.3520


 69.8866, 0.2580,
0.3588


 74.6043, 0.2765,
0.3456


 68.1835, 0.2512,
0.3658


 77.6742, 0.2876,
0.3396

 66.8757, 0.2463,
0.3730

 81.2512, 0.2997,
0.3341


 65.9262, 0.2433,
0.3803

 85.3581, 0.3123,
0.3292

 65.2911, 0.2424,
0.3875

 88.8518, 0.3212,
0.3246

 64.9046, 0.2429,
0.3945

 89.1393, 0.3183,
0.3200

 89.4342, 0.3153,
0.3155

 89.6274, 0.3135,
0.3127

Harmonies

Analogous

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



72.0143, 0.3013, 0.3853



72.0143, 0.2665, 0.3520



72.0143, 0.2447, 0.3134

Triad

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



72.0143, 0.2665, 0.3520



72.0143, 0.2817, 0.2666



72.0143, 0.3909, 0.3688

Complementary

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



72.0143, 0.2665, 0.3520



40.1106, 0.3944, 0.3079

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.



72.0143, 0.3858, 0.3374



72.0143, 0.2665, 0.3520



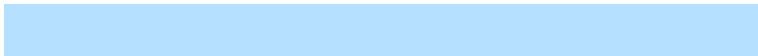
72.0143, 0.3205, 0.2808

Square

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



72.0143, 0.2665, 0.3520



72.0143, 0.2530, 0.2667



72.0143, 0.3593, 0.3060



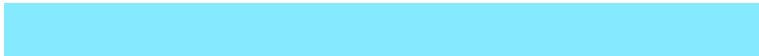
72.0143, 0.3739, 0.3926

Rectangle

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



72.0143, 0.2665, 0.3520



72.0143, 0.2395, 0.2916



72.0143, 0.3593, 0.3060



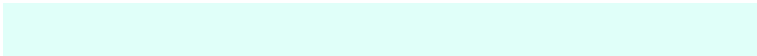
72.0143, 0.3918, 0.3587

Sweetspot

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



72.0172, 0.2665, 0.3520



94.2674, 0.2976, 0.3351



70.7034, 0.3187, 0.4489



20.0552, 0.2960, 0.3358



0.0000, 0.0000, 0.0000



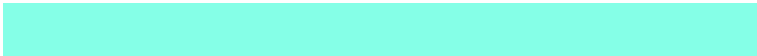
21.4041, 0.3127, 0.3290

Same Dimension

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



72.0172, 0.2665, 0.3520



82.2311, 0.2597, 0.3573



57.6325, 0.2517, 0.2933



17.8722, 0.3007, 0.3337



36.2300, 0.2426, 0.3934



3.0275, 0.2400, 0.3838

Inverse Universe

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



40.1106, 0.3944, 0.3079



40.3540, 0.4194, 0.3042



49.1930, 0.4018, 0.3615



15.8100, 0.3262, 0.3243



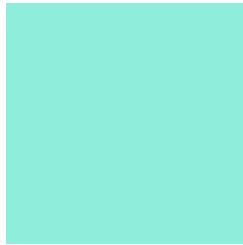
10.2704, 0.6079, 0.3123



0.8680, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 72.0143, 0.2665, 0.3520 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 72.0143, 0.2665, 0.3520 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 72.0143, 0.2665, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 72.0143, 0.2665, 0.3520.

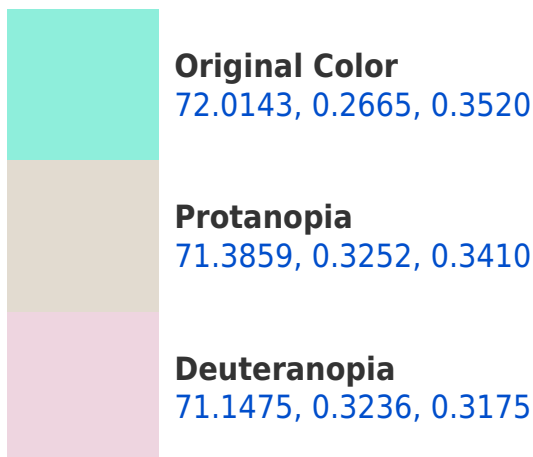


This preview shows how white text looks on a background with the Yxy color 72.0143, 0.2665, 0.3520.

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

71.8854, 0.2539, 0.3069

Trichromacy



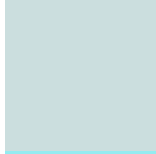
Original Color

72.0143, 0.2665, 0.3520



Protanomaly

70.7483, 0.3004, 0.3451



Deuteranomaly

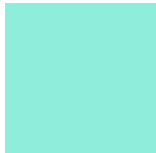
70.2130, 0.2995, 0.3290



Tritanomaly

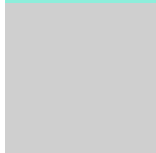
72.0038, 0.2586, 0.3230

Monochromacy



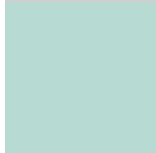
Original Color

72.0143, 0.2665, 0.3520



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.9132, 0.2928, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0143, 0.2665, 0.3520 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(142, 238, 219)` looks like.

```
.text, #text, p{  
    color:rgb(142, 238, 219)  
}
```

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(142, 238, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 238, 219) }
```

Border

The CSS property to change the border of an element to Yxy 72.0143, 0.2665, 0.3520 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(142, 238, 219) }
```

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

```
.border{ border-color:rgb(142, 238, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 238, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 238, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 238, 219);  
box-shadow:4px 4px 4px 4px rgb(142, 238,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0143, 0.2665, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 238, 219) }
```

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

```
.background{ background-color: rgb(142,  
238, 219) }
```

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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