

Converting Colors

$Yxy(72.3034, 0.2620, 0.3399)$

Have a look what the booklet for
Yxy(72.3034, 0.2620, 0.3399)
contains.

Yxy(72.5013, 0.2620, 0.3409)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.5013, 0.2620, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	8EEEE4
RGB	142, 238, 228
RGB Percent	56%, 93%, 89%
CMY	0.4435, 0.0666, 0.1059
CMYK	0.40, 0.00, 0.04, 0.07
HSL	174°, 74%, 74%
HSV	174°, 40%, 93%
XYZ	55.7212, 72.5013, 84.4537
YIQ	208.1560, -54.0060, -23.4620

Conversions

Conversions Part 2

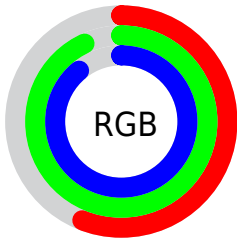
Format	Color
RYB	142, 193, 238
Decimal	9367268
CIELab	88.21, -30.71, -4.09
CIELCh	88, 30.979, 187.583
Yxy	72.5013, 0.2620, 0.3409
Android (android.graphics.Color)	4287557348 (0xFF8EEEE4)
YUV	208.1560, 9.7831, -58.0188
Hunter-Lab	85.1477, -32.1970, 0.7966

Details

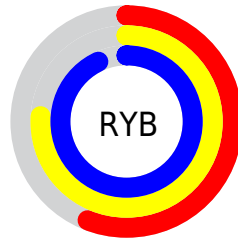
The Yxy color **72.5013, 0.2620, 0.3409** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.7643, 0.4046, 0.3180**, and the grayscale version is **63.1329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **38.4043, 0.2504, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **70.4836, 0.2527, 0.3443**, and if you desaturate by 10%, it is **74.9761, 0.2729, 0.3376**.

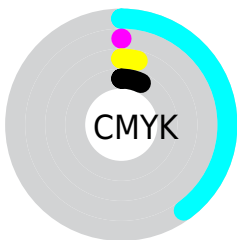
Distribution



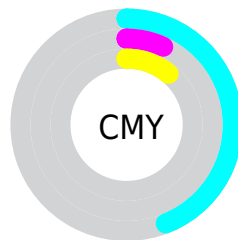
- Red (56%)
- Green (93%)
- Blue (89%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)





- Cyan (44%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5013, 0.2620, 0.3409 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 72.5013, 0.2620, 0.3409 by changing the saturation by 10% instead.

 72.5013, 0.2620,
0.3409


 72.5013, 0.2620,
0.3409


469.2846, 0.2852,
0.3357

 53.5683, 0.2568,
0.3420


 122.7690, 0.2700,
0.3392

 38.2566, 0.2503,
0.3433


 154.8724, 0.2731,
0.3385

 26.1819, 0.2422,
0.3450


192.1348, 0.2758,
0.3379

 16.9598, 0.2318,
0.3470

234.9405, 0.2782,
0.3373

 10.2058, 0.2177,
0.3495

283.6740, 0.2803,
0.3368

 5.5356, 0.1979,
0.3528

338.7195, 0.2821,

 2.5648, 0.1683,

0.3364

400.4616, 0.2838,
0.3360

0.3568

0.9090, 0.0489,
0.3896

0.0000, 0.0000,
0.0000

72.5013, 0.2620,
0.3409

72.5013, 0.2620,
0.3409

70.4836, 0.2527,
0.3443

74.9761, 0.2729,
0.3376

68.8855, 0.2452,
0.3479

77.9256, 0.2851,
0.3346


67.6776, 0.2396,
0.3515

81.3772, 0.2983,
0.3317


66.8230, 0.2360,
0.3551

85.3534, 0.3122,
0.3291


 66.2777, 0.2342,
0.3587

 88.7355, 0.3226,
0.3267

 65.9744, 0.2339,
0.3622

 88.8843, 0.3210,
0.3243

 89.0352, 0.3194,
0.3219

 89.1881, 0.3179,
0.3195

 89.3430, 0.3164,
0.3171

Harmonies

Analogous

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



72.5013, 0.2924, 0.3748



72.5013, 0.2620, 0.3409



72.5013, 0.2454, 0.3056

Triad

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



72.5013, 0.2620, 0.3409



72.5013, 0.2927, 0.2721



72.5013, 0.3842, 0.3739

Complementary

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



72.5013, 0.2620, 0.3409



39.7643, 0.4046, 0.3180

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.



72.5013, 0.3851, 0.3454



72.5013, 0.2620, 0.3409



72.5013, 0.3305, 0.2888

Square

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



72.5013, 0.2620, 0.3409



72.5013, 0.2622, 0.2685



72.5013, 0.3650, 0.3149



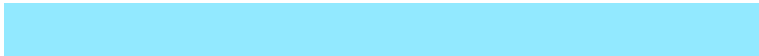
72.5013, 0.3633, 0.3929

Rectangle

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



72.5013, 0.2620, 0.3409



72.5013, 0.2435, 0.2869



72.5013, 0.3650, 0.3149



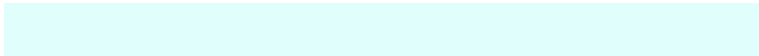
72.5013, 0.3869, 0.3651

Sweetspot

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



72.5042, 0.2620, 0.3409



94.4475, 0.2960, 0.3322



69.8945, 0.3137, 0.4509



20.0979, 0.2942, 0.3325



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.



72.5042, 0.2620, 0.3409



82.8992, 0.2546, 0.3436



53.7729, 0.2499, 0.2829



17.8989, 0.2995, 0.3315



36.8119, 0.2338, 0.3616



3.0705, 0.2325, 0.3569

Inverse Universe

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



39.7643, 0.4046, 0.3180



39.9812, 0.4326, 0.3162



52.2714, 0.3982, 0.3703



15.7856, 0.3277, 0.3266



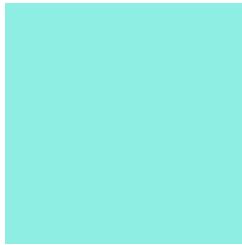
10.1885, 0.6278, 0.3232



0.8565, 0.6023, 0.3092

Previews

White Background



This preview shows how the Yxy color 72.5013, 0.2620, 0.3409 looks on a white background.

Color Contrast Check

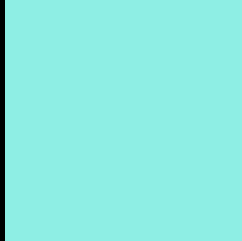
Large Text (above 18pt) WCAG AA × Fail

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 72.5013, 0.2620, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

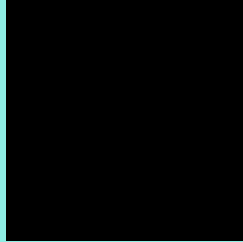
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5013, 0.2620, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 72.5013, 0.2620, 0.3409.

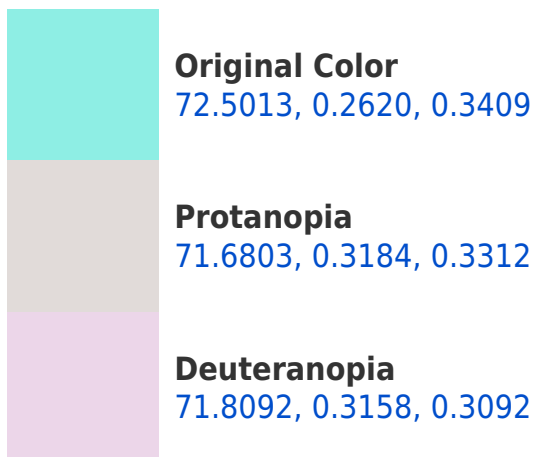


This preview shows how white text looks on a background with the Yxy color 72.5013, 0.2620, 0.3409.

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

72.3270, 0.2527, 0.3070

Trichromacy



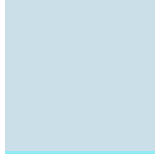
Original Color

72.5013, 0.2620, 0.3409



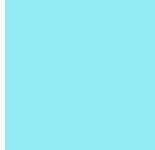
Protanomaly

71.2153, 0.2949, 0.3346



Deuteranomaly

71.1014, 0.2933, 0.3200



Tritanomaly

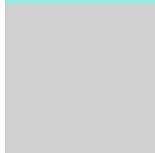
72.0593, 0.2557, 0.3183

Monochromacy



Original Color

72.5013, 0.2620, 0.3409



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.7597, 0.2911, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5013, 0.2620, 0.3409 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(142, 238, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 238, 228) }
```

Border

The CSS property to change the border of an element to Yxy 72.5013, 0.2620, 0.3409 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, 228) }
```

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

```
.border{ border-color:rgb(142, 238, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 238, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 238, 228); box-shadow:4px 4px 4px 4px rgb(142, 238, 228) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5013, 0.2620, 0.3409$ 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, 228) }
```

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

```
.background{ background-color: rgb(142,  
238, 228) }
```

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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