

Converting Colors

$Yxy(62.2806, 0.2691, 0.3484)$

Have a look what the booklet for
Yxy(62.2806, 0.2691, 0.3484)
contains.

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Color

Yxy(62.3230, 0.2692, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	8CDECF
RGB	140, 222, 207
RGB Percent	55%, 87%, 81%
CMY	0.4510, 0.1294, 0.1882
CMYK	0.37, 0.00, 0.07, 0.13
HSL	169°, 55%, 71%
HSV	169°, 37%, 87%
XYZ	48.1969, 62.3230, 68.5177
YIQ	195.7720, -44.0570, -22.0490

Conversions

Conversions Part 2

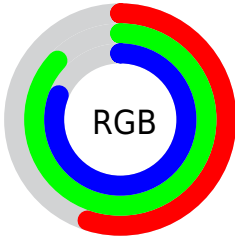
Format	Color
RYB	140, 185, 222
Decimal	9232079
CIELab	83.08, -28.37, -0.55
CIElCh	83, 28.379, 181.112
Yxy	62.3230, 0.2692, 0.3481
Android (android.graphics.Color)	4287422159 (0xFF8CDECF)
YUV	195.7720, 5.5354, -48.9120
Hunter-Lab	78.9449, -29.1770, 3.8026

Details

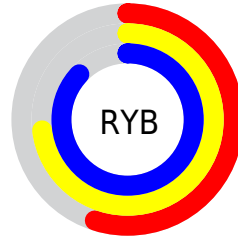
The Yxy color **62.3230, 0.2692, 0.3481** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.6506, 0.3857, 0.3112**, and the grayscale version is **55.0440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **31.8686, 0.2584, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **60.3915, 0.2600, 0.3542**, and if you desaturate by 10%, it is **64.6536, 0.2797, 0.3424**.

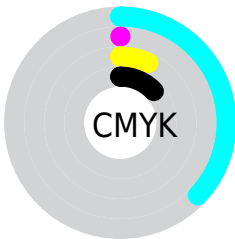
Distribution



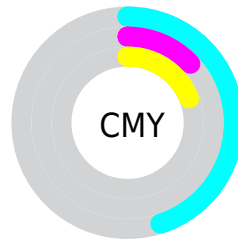
- Red (55%)
- Green (87%)
- Blue (81%)



- Red (55%)
- Yellow (73%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)





- Cyan (45%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3230, 0.2692, 0.3481 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 62.3230, 0.2692, 0.3481 by changing the saturation by 10% instead.


 62.3230, 0.2692,
0.3481


 62.3230, 0.2692,
0.3481


433.1083, 0.2898,
0.3391

 45.2937, 0.2644,
0.3502


 108.1922, 0.2764,
0.3449

 31.6889, 0.2584,
0.3528


 137.8010, 0.2792,
0.3437

 21.1240, 0.2507,
0.3561


172.3717, 0.2816,
0.3427

 13.2146, 0.2404,
0.3606

212.2887, 0.2837,
0.3418

 7.5765, 0.2263,
0.3667

257.9365, 0.2855,
0.3410

 3.8252, 0.2053,
0.3756

309.6995, 0.2871,

 1.5763, 0.1696,

0.3403

367.9619, 0.2885,
0.3397

0.3908

0.3415, 0.0000,
0.4542

0.0000, 0.0000,
0.0000

62.3230, 0.2692,
0.3481

62.3230, 0.2692,
0.3481

60.3915, 0.2600,
0.3542

64.6536, 0.2797,
0.3424

58.8281, 0.2525,
0.3605

67.3974, 0.2914,
0.3370

57.6092, 0.2468,
0.3671

70.5771, 0.3038,
0.3321

56.7051, 0.2430,
0.3737

74.2112, 0.3167,
0.3277

■ 56.0813, 0.2412,
0.3804

■ 78.3174, 0.3299,
0.3237

■ 55.6929, 0.2412,
0.3870

■ 79.2968, 0.3300,
0.3197

■ 55.5978, 0.2414,
0.3890

■ 79.5295, 0.3272,
0.3157

■ 79.7677, 0.3245,
0.3118

■ 80.0112, 0.3217,
0.3078

Harmonies

Analogous

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



62.3230, 0.3006, 0.3786



62.3230, 0.2692, 0.3481



62.3230, 0.2498, 0.3134

Triad

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



62.3230, 0.2692, 0.3481



62.3230, 0.2862, 0.2722



62.3230, 0.3836, 0.3670

Complementary

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



62.3230, 0.2692, 0.3481



36.6506, 0.3857, 0.3112

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.



62.3230, 0.3799, 0.3385



62.3230, 0.2692, 0.3481



62.3230, 0.3219, 0.2858

Square

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



62.3230, 0.2692, 0.3481



62.3230, 0.2592, 0.2717



62.3230, 0.3568, 0.3095



62.3230, 0.3672, 0.3879

Rectangle

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



62.3230, 0.2692, 0.3481



62.3230, 0.2457, 0.2937



62.3230, 0.3568, 0.3095



62.3230, 0.3847, 0.3580

Sweetspot

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



62.3255, 0.2692, 0.3481



94.7365, 0.2986, 0.3341



61.1104, 0.3176, 0.4373



20.1499, 0.2969, 0.3348



0.0000, 0.0000, 0.0000



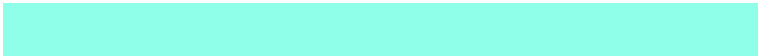
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3255, 0.2692, 0.3481



83.3092, 0.2623, 0.3526



50.3444, 0.2564, 0.2951



15.5271, 0.3006, 0.3333



33.0370, 0.2411, 0.3880



2.3013, 0.2383, 0.3778

Inverse Universe

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



36.6506, 0.3857, 0.3112



43.5012, 0.4081, 0.3078



44.6825, 0.3909, 0.3602



13.7413, 0.3263, 0.3247



9.3297, 0.6111, 0.3140



0.6588, 0.5699, 0.2913

Previews

White Background



This preview shows how the Yxy color 62.3230, 0.2692, 0.3481 looks on a white background.

Color Contrast Check

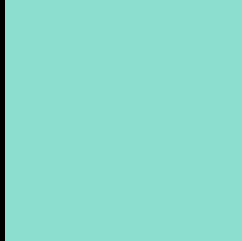
Large Text (above 18pt) WCAG AA × Fail

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 62.3230, 0.2692, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

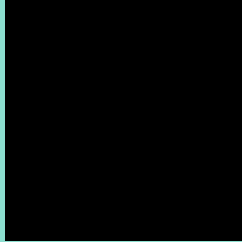
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

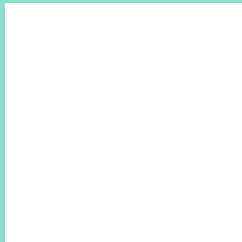
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3230, 0.2692, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 62.3230, 0.2692, 0.3481.

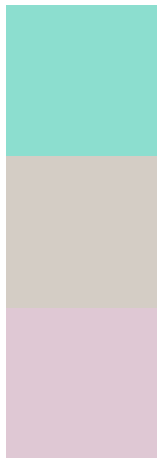


This preview shows how white text looks on a background with the Yxy color 62.3230, 0.2692, 0.3481.

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

62.3230, 0.2692, 0.3481

Protanopia

61.6909, 0.3239, 0.3383

Deuteranopia

61.7500, 0.3219, 0.3157



Tritanopia

62.3440, 0.2575, 0.3081

Trichromacy



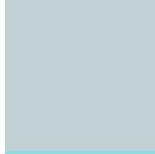
Original Color

62.3230, 0.2692, 0.3481



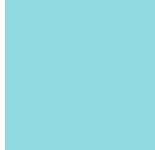
Protanomaly

61.2447, 0.3012, 0.3411



Deuteranomaly

61.1024, 0.3003, 0.3266



Tritanomaly

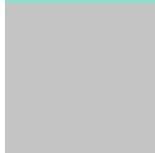
62.0286, 0.2613, 0.3214

Monochromacy



Original Color

62.3230, 0.2692, 0.3481



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

57.0629, 0.2947, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3230, 0.2692, 0.3481 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(140, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(140, 222, 207)  
}
```

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(140, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 222, 207) }
```

Border

The CSS property to change the border of an element to Yxy 62.3230, 0.2692, 0.3481 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(140, 222, 207) }
```

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

```
.border{ border-color:rgb(140, 222, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 222, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(140, 222,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3230, 0.2692, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 222, 207) }
```

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

```
.background{ background-color: rgb(140,  
222, 207) }
```

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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