

Converting Colors

$Yxy(61.6838, 0.2752, 0.3642)$

Have a look what the booklet for
Yxy(61.6838, 0.2752, 0.3642)
contains.

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Color

Yxy(61.6717, 0.2753, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	8BDEC3
RGB	139, 222, 195
RGB Percent	55%, 87%, 76%
CMY	0.4545, 0.1295, 0.2353
CMYK	0.37, 0.00, 0.12, 0.13
HSL	160°, 56%, 71%
HSV	160°, 37%, 87%
XYZ	46.6306, 61.6717, 61.0789
YIQ	194.1050, -40.8010, -25.9930

Conversions

Conversions Part 2

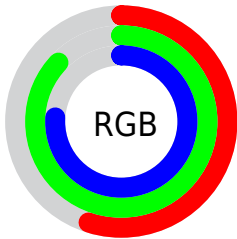
Format	Color
RYB	139, 189, 222
Decimal	9166531
CIELab	82.74, -31.25, 5.29
CIELCh	83, 31.693, 170.385
Yxy	61.6717, 0.2753, 0.3641
Android (android.graphics.Color)	4287356611 (0xFF8BDEC3)
YUV	194.1050, 0.4412, -48.3271
Hunter-Lab	78.5313, -31.4394, 8.8583

Details

The Yxy color **61.6717, 0.2753, 0.3641** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.7758, 0.3736, 0.2970**, and the grayscale version is **54.0426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1504, 0.2793, 0.3321**, and **31.0803, 0.2656, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **59.6328, 0.2675, 0.3754**, and if you desaturate by 10%, it is **64.1195, 0.2843, 0.3535**.

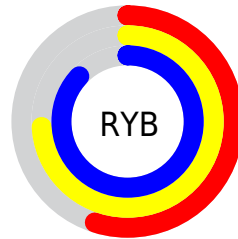
Distribution



Red (55%)

Green (87%)

Blue (76%)



Red (55%)

Yellow (74%)

Blue (87%)

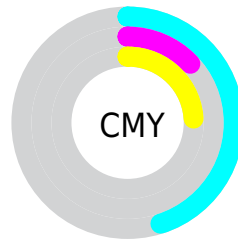


Cyan (37%)

Magenta (0%)

Yellow (12%)

Black (13%)



Cyan (45%)


Magenta (13%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6717, 0.2753, 0.3641 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 61.6717, 0.2753, 0.3641 by changing the saturation by 10% instead.

 61.6717, 0.2753,
0.3641

 61.6717, 0.2753,
0.3641

430.7326, 0.2933,
0.3470

 44.7675, 0.2710,
0.3682


 107.2509, 0.2817,
0.3580

 31.2743, 0.2657,
0.3735


 136.6947, 0.2841,
0.3557

 20.8078, 0.2587,
0.3803


171.0871, 0.2862,
0.3537

 12.9836, 0.2494,
0.3896

210.8125, 0.2880,
0.3520

 7.4173, 0.2362,
0.4029

256.2554, 0.2896,
0.3505

 3.7244, 0.2163,
0.4237

307.8001, 0.2909,

 1.5206, 0.1762,

0.3492

0.4639

365.8310, 0.2922,
0.3481

■ 0.3032, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6717, 0.2753,
0.3641

■ 61.6717, 0.2753,
0.3641

■ 59.6328, 0.2675,
0.3754

■ 64.1195, 0.2843,
0.3535

■ 57.9714, 0.2612,
0.3873


■ 66.9905, 0.2942,
0.3438


■ 56.6636, 0.2567,
0.3996

■ 70.3075, 0.3048,
0.3349


■ 55.6795, 0.2542,
0.4122


■ 74.0894, 0.3156,
0.3270


 54.9841, 0.2537,
0.4247

 78.3540, 0.3266,
0.3198


 54.5306, 0.2551,
0.4371

 79.6911, 0.3252,
0.3129

 54.4303, 0.2556,
0.4403

 80.1253, 0.3204,
0.3059

 80.5767, 0.3156,
0.2990

 80.7169, 0.3142,
0.2970

Harmonies

Analogous

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



61.6717, 0.3133, 0.3935



61.6717, 0.2753, 0.3641



61.6717, 0.2484, 0.3247

Triad

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



61.6717, 0.2753, 0.3641



61.6717, 0.2708, 0.2638



61.6717, 0.3934, 0.3601

Complementary

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



61.6717, 0.2753, 0.3641



36.7758, 0.3736, 0.2970

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.



61.6717, 0.3810, 0.3274



61.6717, 0.2753, 0.3641



61.6717, 0.3080, 0.2741

Square

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



61.6717, 0.2753, 0.3641



61.6717, 0.2460, 0.2688



61.6717, 0.3489, 0.2968



61.6717, 0.3825, 0.3878

Rectangle

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



61.6717, 0.2753, 0.3641



61.6717, 0.2396, 0.3003



61.6717, 0.3489, 0.2968



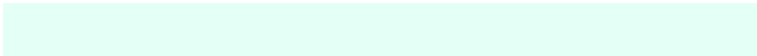
61.6717, 0.3919, 0.3494

Sweetspot

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



61.6742, 0.2753, 0.3641



94.4886, 0.3008, 0.3382



62.2892, 0.3264, 0.4357



20.0906, 0.2993, 0.3394



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.



61.6742, 0.2753, 0.3641



82.1608, 0.2689, 0.3731



55.9665, 0.2582, 0.3112



15.4925, 0.3025, 0.3367



32.3553, 0.2551, 0.4385



2.2589, 0.2499, 0.4195

Inverse Universe

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



36.7758, 0.3736, 0.2970



43.2876, 0.3933, 0.2903



40.1472, 0.3977, 0.3458



13.7737, 0.3241, 0.3214



9.5224, 0.5661, 0.2892



0.6761, 0.5224, 0.2652

Previews

White Background



This preview shows how the Yxy color 61.6717, 0.2753, 0.3641 looks on a white background.

Color Contrast Check

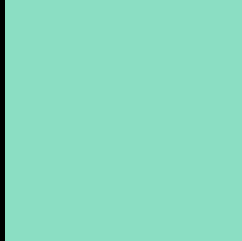
Large Text (above 18pt) WCAG AA × Fail

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 61.6717, 0.2753, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

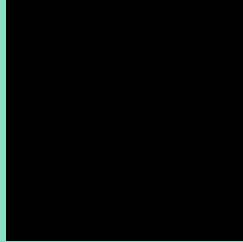
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6717, 0.2753, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 61.6717, 0.2753, 0.3641.

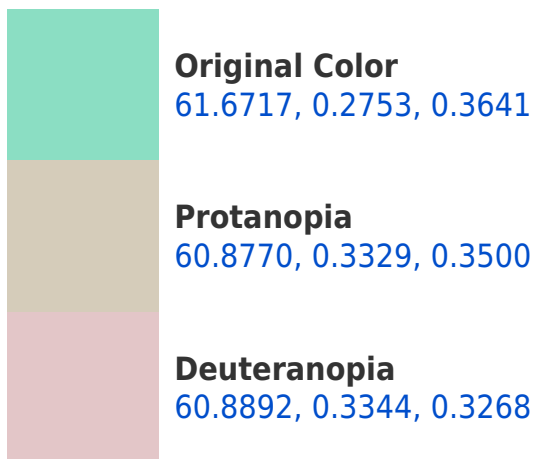


This preview shows how white text looks on a background with the Yxy color 61.6717, 0.2753, 0.3641.

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

61.3481, 0.2582, 0.3068

Trichromacy



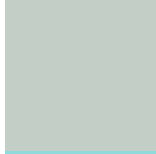
Original Color

61.6717, 0.2753, 0.3641



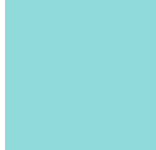
Protanomaly

60.7018, 0.3092, 0.3560



Deuteranomaly

60.3050, 0.3100, 0.3398



Tritanomaly

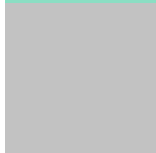
61.3299, 0.2643, 0.3263

Monochromacy



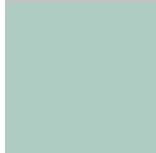
Original Color

61.6717, 0.2753, 0.3641



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.0794, 0.2972, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6717, 0.2753, 0.3641 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(139, 222, 195)` looks like.

```
.text, #text, p{  
    color:rgb(139, 222, 195)  
}
```

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(139, 222, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 222, 195) }
```

Border

The CSS property to change the border of an element to Yxy 61.6717, 0.2753, 0.3641 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(139, 222, 195) }
```

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

```
.border{ border-color:rgb(139, 222, 195) }
```

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

Here you see how a box with a 4 pixel rgb(139, 222, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 222, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 222, 195);  
box-shadow:4px 4px 4px 4px rgb(139, 222,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6717, 0.2753, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 222, 195) }
```

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

```
.background{ background-color: rgb(139,  
222, 195) }
```

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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