

Converting Colors

$Yxy(62.1829, 0.2786, 0.3289)$

Have a look what the booklet for
Yxy(62.1829, 0.2786, 0.3289)
contains.

Yxy(62.1766, 0.2786, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.1766, 0.2786, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A6D8D8
RGB	166, 216, 216
RGB Percent	65%, 85%, 85%
CMY	0.3493, 0.1529, 0.1529
CMYK	0.23, 0.00, 0.00, 0.15
HSL	180°, 39%, 75%
HSV	180°, 23%, 85%
XYZ	52.6677, 62.1766, 74.1998
YIQ	201.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

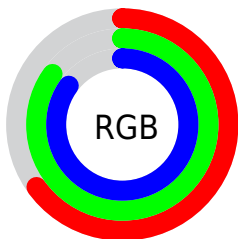
Format	Color
R _{YB}	166, 191, 216
Decimal	10934488
CIE Lab	83.01, -16.07, -5.30
CIE LCh	83, 16.924, 198.240
Yxy	62.1766, 0.2786, 0.3289
Android (android.graphics.Color)	4289124568 (0xFFA6D8D8)
YUV	201.0500, 7.3704, -30.7388
Hunter-Lab	78.8521, -18.7658, -0.5953

Details

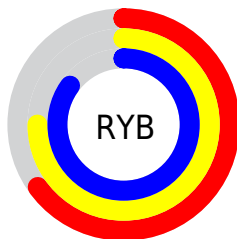
The Yxy color $62.1766, 0.2786, 0.3289$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $44.6023, 0.3603, 0.3291$, and the grayscale version is $58.4031, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.2696, 0.2929, 0.3289$, and $31.5737, 0.2707, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $60.0384, 0.2658, 0.3289$, and if you desaturate by 10%, it is $64.7119, 0.2927, 0.3289$.

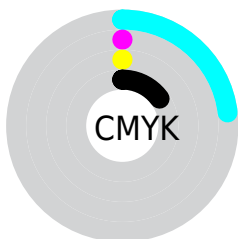
Distribution



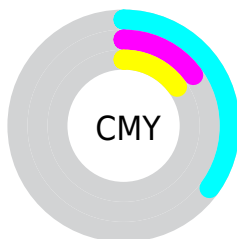
- Red (65%)
- Green (85%)
- Blue (85%)



- Red (65%)
- Yellow (75%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1766, 0.2786, 0.3289 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 62.1766, 0.2786, 0.3289 by changing the saturation by 10% instead.

■ 62.1766, 0.2786,
0.3289

■ 62.1766, 0.2786,
0.3289

432.5750, 0.2947,
0.3292

■ 45.1754, 0.2748,
0.3288

■ 107.9807, 0.2842,
0.3290

■ 31.5956, 0.2702,
0.3286

■ 137.5525, 0.2864,
0.3291

■ 21.0528, 0.2642,
0.3284

172.0832, 0.2883,
0.3291

■ 13.1626, 0.2563,
0.3279

211.9572, 0.2899,
0.3291

■ 7.5406, 0.2453,
0.3272

257.5590, 0.2913,
0.3291

■ 3.8024, 0.2290,
0.3257

309.2730, 0.2926,

■ 1.5637, 0.2028,

0.3291

367.4835, 0.2937,
0.3291

0.3224

0.3329, 0.0000,
0.3124

0.0000, 0.0000,
0.0000

62.1766, 0.2786,
0.3289

62.1766, 0.2786,
0.3289

60.0384, 0.2658,
0.3289

64.7119, 0.2927,
0.3289

58.2702, 0.2544,
0.3288

67.6549, 0.3078,
0.3290

56.8531, 0.2449,
0.3288

71.0252, 0.3235,
0.3290

55.7638, 0.2372,
0.3288

74.8389, 0.3396,
0.3291

■ 54.9760, 0.2314,
0.3288

■ 75.3391, 0.3416,
0.3291

■ 54.4595, 0.2276,
0.3288

■ 75.3392, 0.3416,
0.3291

■ 54.1778, 0.2254,
0.3288

■ 75.3392, 0.3416,
0.3291

■ 54.0785, 0.2247,
0.3288

■ 75.3393, 0.3416,
0.3291

■ 75.3393, 0.3416,
0.3291

Harmonies

Analogous

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



62.1766, 0.2943, 0.3487



62.1766, 0.2786, 0.3289



62.1766, 0.2719, 0.3100

Triad

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



62.1766, 0.2786, 0.3289



62.1766, 0.3091, 0.2979



62.1766, 0.3509, 0.3603

Complementary

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



62.1766, 0.2786, 0.3289



44.6023, 0.3603, 0.3291

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.



62.1766, 0.3553, 0.3457



62.1766, 0.2786, 0.3289



62.1766, 0.3307, 0.3104

Square

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



62.1766, 0.2786, 0.3289



62.1766, 0.2890, 0.2930



62.1766, 0.3479, 0.3276



62.1766, 0.3360, 0.3670

Rectangle

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



62.1766, 0.2786, 0.3289



62.1766, 0.2732, 0.3005



62.1766, 0.3479, 0.3276



62.1766, 0.3536, 0.3561

Sweetspot

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



62.1791, 0.2786, 0.3289



96.7703, 0.3018, 0.3290



60.0619, 0.3103, 0.3938



20.6563, 0.3009, 0.3290



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.



62.1791, 0.2786, 0.3289



88.8808, 0.2719, 0.3289



50.6757, 0.2762, 0.2983



14.1079, 0.2983, 0.3290



32.0034, 0.2247, 0.3288



1.9303, 0.2247, 0.3288

Inverse Universe

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



44.6023, 0.3603, 0.3291



58.8191, 0.3744, 0.3292



54.2411, 0.3539, 0.3578



12.4208, 0.3291, 0.3290



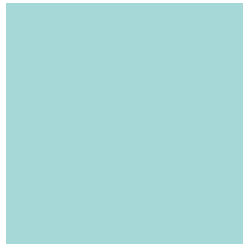
8.6411, 0.6401, 0.3300



0.5212, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 62.1766, 0.2786, 0.3289 looks on a white background.

Color Contrast Check

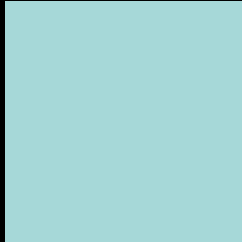
Large Text (above 18pt) WCAG AA × Fail

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 62.1766, 0.2786, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

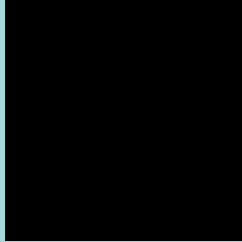
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

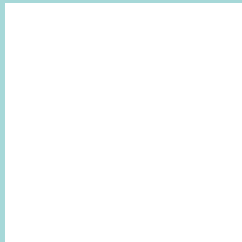
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1766, 0.2786, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 62.1766, 0.2786, 0.3289.

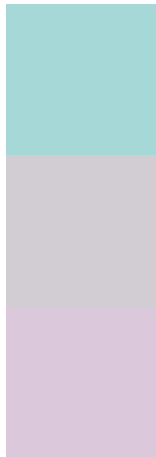


This preview shows how white text looks on a background with the Yxy color 62.1766, 0.2786, 0.3289.

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

62.1766, 0.2786, 0.3289

Protanopia

61.8711, 0.3122, 0.3233

Deuteranopia

61.6387, 0.3145, 0.3079



Tritanopia

62.2977, 0.2716, 0.3086

Trichromacy



Original Color

62.1766, 0.2786, 0.3289

Protanomaly

61.6919, 0.2990, 0.3254

Deuteranomaly

61.4839, 0.3000, 0.3151

Tritanomaly

62.4167, 0.2740, 0.3157

Monochromacy



Original Color

62.1766, 0.2786, 0.3289

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2902, 0.2993, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1766, 0.2786, 0.3289 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(166, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(166, 216, 216)  
}
```

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(166, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 216, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.1766, 0.2786, 0.3289 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(166, 216, 216) }
```

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

```
.border{ border-color:rgb(166, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(166, 216,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1766, 0.2786, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 216, 216) }
```

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

```
.background{ background-color: rgb(166,  
216, 216) }
```

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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