

Converting Colors

$Yxy(61.0709, 0.2527, 0.3288)$

Have a look what the booklet for
Yxy(61.0709, 0.2527, 0.3288)
contains.

Yxy(61.0709, 0.2527, 0.3288)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.0709, 0.2527, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	7ADDDD
RGB	122, 221, 221
RGB Percent	48%, 87%, 87%
CMY	0.5215, 0.1333, 0.1333
CMYK	0.45, 0.00, 0.00, 0.13
HSL	180°, 59%, 67%
HSV	180°, 45%, 87%
XYZ	46.9362, 61.0709, 77.7317
YIQ	191.3990, -59.0040, -20.9880

Conversions

Conversions Part 2

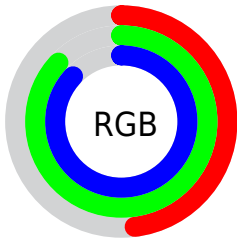
Format	Color
RYB	122, 172, 221
Decimal	8052189
CIELab	82.42, -29.00, -9.06
CIElCh	82, 30.385, 197.356
Yxy	61.0709, 0.2527, 0.3288
Android (android.graphics.Color)	4286242269 (0xFF7ADDDD)
YUV	191.3990, 14.5933, -60.8629
Hunter-Lab	78.1479, -29.5504, -4.2707

Details

The Yxy color **61.0709, 0.2527, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.7066, 0.4323, 0.3294**, and the grayscale version is **52.2866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **31.0497, 0.2383, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **59.6371, 0.2434, 0.3288**, and if you desaturate by 10%, it is **62.8763, 0.2638, 0.3288**.

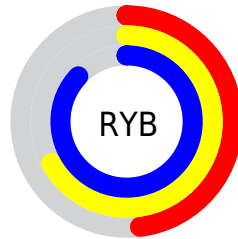
Distribution



Red (48%)

Green (87%)

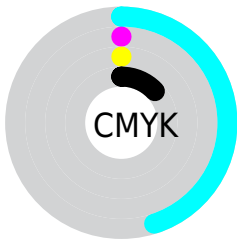
Blue (87%)



Red (48%)

Yellow (67%)

Blue (87%)

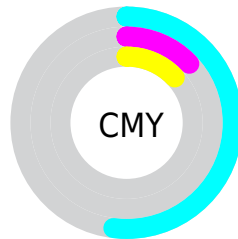


Cyan (45%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (52%)


Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0709, 0.2527, 0.3288 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 61.0709, 0.2527, 0.3288 by changing the saturation by 10% instead.


 61.0709, 0.2527,
0.3288

 61.0709, 0.2527,
0.3288


428.5339, 0.2808,
0.3295


 44.2824, 0.2462,
0.3285


 106.3816, 0.2625,
0.3292

 30.8926, 0.2382,
0.3280


 135.6726, 0.2663,
0.3293

 20.5171, 0.2280,
0.3272


 169.8998, 0.2696,
0.3294

 12.7715, 0.2146,
0.3259

209.4477, 0.2724,
0.3294

 7.2714, 0.1963,
0.3236

254.7007, 0.2749,
0.3295

 3.6324, 0.1702,
0.3192

306.0431, 0.2771,

 1.4701, 0.1265,

0.3295

0.3107

363.8594, 0.2791,
0.3295

0.2676, 0.0000,
0.2243

0.0000, 0.0000,
0.0000

61.0709, 0.2527,
0.3288

61.0709, 0.2527,
0.3288

59.6371, 0.2434,
0.3288

62.8763, 0.2638,
0.3288

58.5426, 0.2360,
0.3287


65.0690, 0.2764,
0.3289


57.7613, 0.2306,
0.3287


67.6723, 0.2903,
0.3289


57.2605, 0.2271,
0.3287

70.7058, 0.3053,
0.3290


 56.9998, 0.2252,
0.3287


 74.1876, 0.3209,
0.3290

 56.9241, 0.2246,
0.3287

 78.1349, 0.3370,
0.3291

 78.2082, 0.3373,
0.3291

 78.2102, 0.3373,
0.3291

 78.2121, 0.3373,
0.3291

Harmonies

Analogous

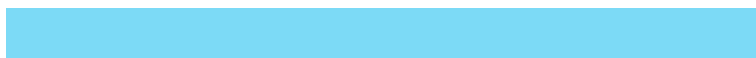
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.0709, 0.2801, 0.3662



61.0709, 0.2527, 0.3288



61.0709, 0.2410, 0.2944

Triad

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



61.0709, 0.2527, 0.3288



61.0709, 0.3043, 0.2744



61.0709, 0.3819, 0.3835

Complementary

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



61.0709, 0.2527, 0.3288



30.7066, 0.4323, 0.3294

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.



61.0709, 0.3901, 0.3561



61.0709, 0.2527, 0.3288



61.0709, 0.3438, 0.2953

Square

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



61.0709, 0.2527, 0.3288



61.0709, 0.2693, 0.2659



61.0709, 0.3760, 0.3244



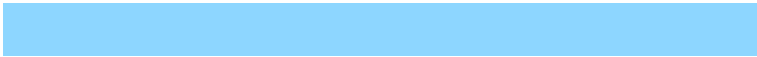
61.0709, 0.3547, 0.3982

Rectangle

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



61.0709, 0.2527, 0.3288



61.0709, 0.2430, 0.2780



61.0709, 0.3760, 0.3244



61.0709, 0.3870, 0.3753

Sweetspot

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



61.0733, 0.2527, 0.3288



94.2424, 0.2928, 0.3289



57.2660, 0.3062, 0.4688



19.9847, 0.2896, 0.3289



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.



61.0733, 0.2527, 0.3288



82.5282, 0.2437, 0.3288



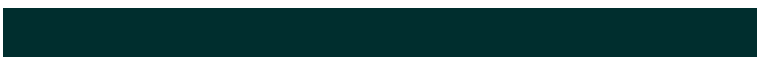
38.6807, 0.2408, 0.2606



14.8292, 0.2982, 0.3290



33.0624, 0.2246, 0.3287



2.1421, 0.2246, 0.3287

Inverse Universe

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



34.5176, 0.3178, 0.2201



41.2711, 0.3188, 0.2003



46.1011, 0.4037, 0.3878



13.2748, 0.3138, 0.3060



11.9614, 0.3210, 0.1542



0.7749, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 61.0709, 0.2527, 0.3288 looks on a white background.

Color Contrast Check

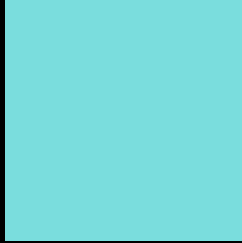
Large Text (above 18pt) WCAG AA × Fail

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 61.0709, 0.2527, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

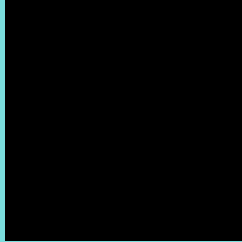
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0709, 0.2527, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 61.0709, 0.2527, 0.3288.



This preview shows how white text looks on a background with the Yxy color 61.0709, 0.2527, 0.3288.

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

61.0709, 0.2527, 0.3288

Protanopia

60.4868, 0.3100, 0.3209

Deuteranopia

60.1753, 0.3050, 0.2977



Tritanopia

61.2312, 0.2473, 0.3076

Trichromacy



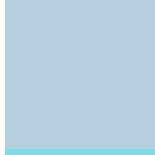
Original Color

61.0709, 0.2527, 0.3288



Protanomaly

60.0622, 0.2852, 0.3240



Deuteranomaly

59.3482, 0.2828, 0.3075



Tritanomaly

61.3159, 0.2490, 0.3150

Monochromacy



Original Color

61.0709, 0.2527, 0.3288



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.6123, 0.2861, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0709, 0.2527, 0.3288 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(122, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(122, 221, 221)  
}
```

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(122, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 221, 221) }
```

Border

The CSS property to change the border of an element to Yxy 61.0709, 0.2527, 0.3288 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(122, 221, 221) }
```

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

```
.border{ border-color:rgb(122, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(122, 221,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0709, 0.2527, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 221, 221) }
```

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

```
.background{ background-color: rgb(122,  
221, 221) }
```

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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