

Converting Colors

$Yxy(61.5287, 0.2726, 0.3155)$

Have a look what the booklet for
Yxy(61.5287, 0.2726, 0.3155)
contains.

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Color

Yxy(61.5287, 0.2726, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	A5D6E1
RGB	165, 214, 225
RGB Percent	65%, 84%, 88%
CMY	0.3528, 0.1608, 0.1175
CMYK	0.27, 0.05, 0.00, 0.12
HSL	191°, 50%, 76%
HSV	191°, 27%, 88%
XYZ	53.1624, 61.5287, 80.3286
YIQ	200.6030, -32.7350, -6.9670

Conversions

Conversions Part 2

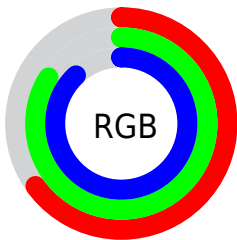
Format	Color
R _{YB}	165, 192, 225
Decimal	10868449
CIE Lab	82.66, -13.30, -10.61
CIE LCh	83, 17.017, 218.572
Yxy	61.5287, 0.2726, 0.3155
Android (android.graphics.Color)	4289058529 (0xFFA5D6E1)
YUV	200.6030, 12.0277, -31.2238
Hunter-Lab	78.4402, -16.2932, -5.8092

Details

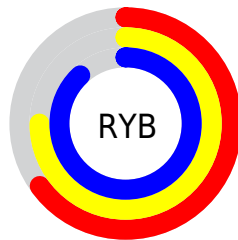
The Yxy color **61.5287, 0.2726, 0.3155** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8088, 0.3667, 0.3421**, and the grayscale version is **58.0957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.0781, 0.2623, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **57.2574, 0.2588, 0.3097**, and if you desaturate by 10%, it is **66.2827, 0.2873, 0.3209**.

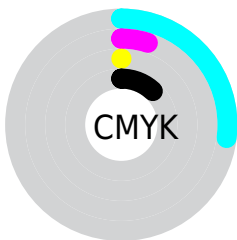
Distribution



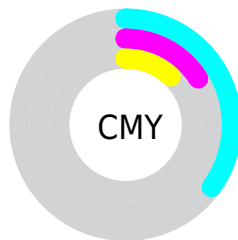
- Red (65%)
- Green (84%)
- Blue (88%)



- Red (65%)
- Yellow (75%)
- Blue (88%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)





- Cyan (35%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5287, 0.2726, 0.3155 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 61.5287, 0.2726, 0.3155 by changing the saturation by 10% instead.

 61.5287, 0.2726,
0.3155


 61.5287, 0.2726,
0.3155

430.2099, 0.2915,
0.3222

 44.6520, 0.2682,
0.3138


 107.0441, 0.2792,
0.3179

 31.1834, 0.2628,
0.3117


 136.4515, 0.2818,
0.3188

 20.7385, 0.2558,
0.3090


170.8047, 0.2839,
0.3196

 12.9330, 0.2466,
0.3052

210.4880, 0.2859,
0.3203

 7.3824, 0.2340,
0.2997

255.8857, 0.2875,
0.3209

 3.7024, 0.2155,
0.2910

307.3823, 0.2890,

 1.5085, 0.1862,

0.3214

0.2757

365.3623, 0.2903,
0.3218

0.2947, 0.0000,
0.2166

0.0000, 0.0000,
0.0000

61.5287, 0.2726,
0.3155

61.5287, 0.2726,
0.3155

57.2574, 0.2588,
0.3097

66.2827, 0.2873,
0.3209

53.4389, 0.2462,
0.3035

71.5331, 0.3024,
0.3259

50.0508, 0.2351,
0.2971

77.3019, 0.3179,
0.3305

47.0660, 0.2256,
0.2905

83.5988, 0.3333,
0.3345

■ 44.4536, 0.2181,
0.2838

■ 85.9374, 0.3328,
0.3386

■ 42.1776, 0.2126,
0.2771

■ 88.3312, 0.3323,
0.3427

■ 40.1923, 0.2089,
0.2705

■ 90.7805, 0.3318,
0.3467

■ 39.5682, 0.2079,
0.2683

■ 93.2856, 0.3313,
0.3507

■ 95.8470, 0.3308,
0.3546

Harmonies

Analogous

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



61.5287, 0.2825, 0.3355



61.5287, 0.2726, 0.3155



61.5287, 0.2730, 0.3002

Triad

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



61.5287, 0.2726, 0.3155



61.5287, 0.3240, 0.3055



61.5287, 0.3419, 0.3663

Complementary

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



61.5287, 0.2726, 0.3155



49.8088, 0.3667, 0.3421

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.



61.5287, 0.3539, 0.3565



61.5287, 0.2726, 0.3155



61.5287, 0.3435, 0.3217

Square

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



61.5287, 0.2726, 0.3155



61.5287, 0.3020, 0.2951



61.5287, 0.3546, 0.3401



61.5287, 0.3223, 0.3658

Rectangle

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



61.5287, 0.2726, 0.3155



61.5287, 0.2790, 0.2944



61.5287, 0.3546, 0.3401



61.5287, 0.3470, 0.3640

Sweetspot

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



61.5312, 0.2726, 0.3155



93.9633, 0.3003, 0.3253



65.0055, 0.3025, 0.3909



19.8797, 0.2980, 0.3245



0.0000, 0.0000, 0.0000



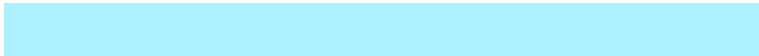
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5312, 0.2726, 0.3155



78.4643, 0.2648, 0.3123



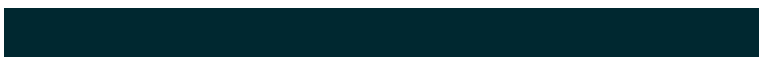
47.7360, 0.2689, 0.2775



15.1211, 0.2982, 0.3246



22.9537, 0.2081, 0.2693



1.7038, 0.2110, 0.2795

Inverse Universe

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



47.7902, 0.3251, 0.2742



57.5915, 0.3282, 0.2626



62.8880, 0.3580, 0.3756



13.8901, 0.3166, 0.3101



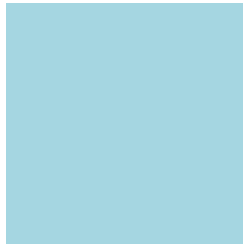
11.2252, 0.3735, 0.1831



0.7895, 0.3639, 0.1779

Previews

White Background



This preview shows how the Yxy color 61.5287, 0.2726, 0.3155 looks on a white background.

Color Contrast Check

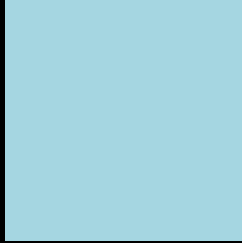
Large Text (above 18pt) WCAG AA × Fail

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 61.5287, 0.2726, 0.3155 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

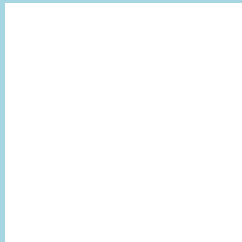
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5287, 0.2726, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 61.5287, 0.2726, 0.3155.

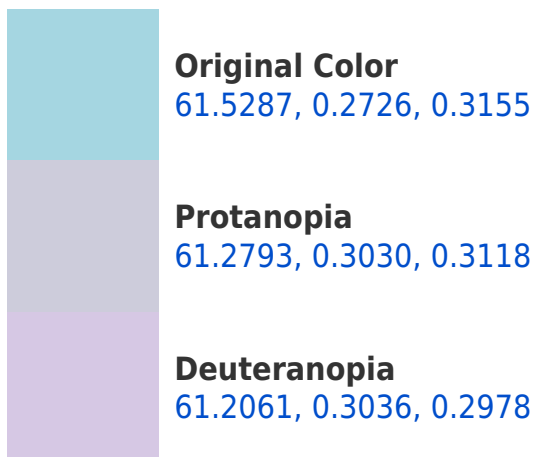


This preview shows how white text looks on a background with the Yxy color 61.5287, 0.2726, 0.3155.

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

61.4087, 0.2702, 0.3084

Trichromacy



Original Color

61.5287, 0.2726, 0.3155

Protanomaly

61.2794, 0.2910, 0.3137

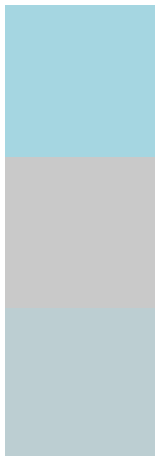
Deuteranomaly

60.9445, 0.2912, 0.3036

Tritanomaly

61.2969, 0.2714, 0.3108

Monochromacy



Original Color

61.5287, 0.2726, 0.3155

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.4871, 0.2967, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5287, 0.2726, 0.3155 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(165, 214, 225)` looks like.

```
.text, #text, p{  
    color:rgb(165, 214, 225)  
}
```

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(165, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 214, 225) }
```

Border

The CSS property to change the border of an element to Yxy 61.5287, 0.2726, 0.3155 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(165, 214, 225) }
```

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

```
.border{ border-color:rgb(165, 214, 225) }
```

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

Here you see how a box with a 4 pixel rgb(165, 214, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(165, 214,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5287, 0.2726, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 214, 225) }
```

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

```
.background{ background-color: rgb(165,  
214, 225) }
```

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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