

Converting Colors

$Yxy(61.5335, 0.2719, 0.2996)$

Have a look what the booklet for
Yxy(61.5335, 0.2719, 0.2996)
contains.

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Color

Yxy(61.6433, 0.2715, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	AED3EC
RGB	174, 211, 236
RGB Percent	68%, 83%, 93%
CMY	0.3178, 0.1725, 0.0746
CMYK	0.26, 0.11, 0.00, 0.07
HSL	204°, 62%, 80%
HSV	204°, 26%, 93%
XYZ	55.8803, 61.6433, 88.2971
YIQ	202.7870, -30.0770, -0.0690

Conversions

Conversions Part 2

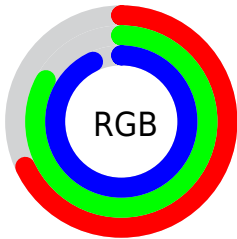
Format	Color
RYB	174, 197, 236
Decimal	11457516
CIELab	82.72, -6.66, -16.29
CIELCh	83, 17.603, 247.755
Yxy	61.6433, 0.2715, 0.2995
Android (android.graphics.Color)	4289647596 (0xFFAED3EC)
YUV	202.7870, 16.3740, -25.2462
Hunter-Lab	78.5132, -10.3542, -11.7191

Details

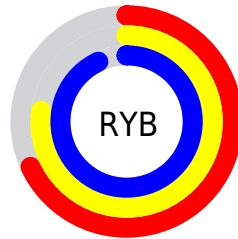
The Yxy color **61.6433, 0.2715, 0.2995** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.6958, 0.3621, 0.3567**, and the grayscale version is **59.4860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **31.4023, 0.2616, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **54.5886, 0.2559, 0.2863**, and if you desaturate by 10%, it is **69.4580, 0.2873, 0.3116**.

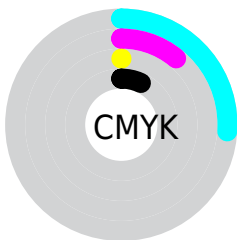
Distribution



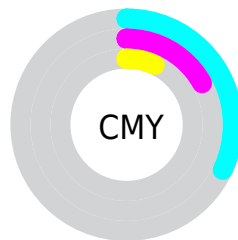
- Red (68%)
- Green (83%)
- Blue (93%)



- Red (68%)
- Yellow (77%)
- Blue (93%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6433, 0.2715, 0.2995 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 61.6433, 0.2715, 0.2995 by changing the saturation by 10% instead.

■ 61.6433, 0.2715,
0.2995

■ 61.6433, 0.2715,
0.2995

430.6288, 0.2909,
0.3137

■ 44.7445, 0.2670,
0.2961

■ 107.2098, 0.2783,
0.3045

■ 31.2563, 0.2614,
0.2919

136.6464, 0.2809,
0.3064

■ 20.7941, 0.2543,
0.2865

171.0310, 0.2831,
0.3081

■ 12.9736, 0.2450,
0.2793

210.7481, 0.2851,
0.3095

■ 7.4103, 0.2322,
0.2691

256.1820, 0.2868,
0.3107

■ 3.7200, 0.2136,
0.2540

307.7172, 0.2883,

■ 1.5182, 0.1846,

0.3118

0.2293

365.7380, 0.2897,
0.3128

0.3015, 0.0624,
0.1519

0.0000, 0.0000,
0.0000

61.6433, 0.2715,
0.2995

61.6433, 0.2715,
0.2995

54.5886, 0.2559,
0.2863

69.4580, 0.2873,
0.3116

48.2567, 0.2408,
0.2721

78.0529, 0.3030,
0.3227

42.6180, 0.2267,
0.2571

87.4567, 0.3184,
0.3325

37.6374, 0.2140,
0.2415

95.0738, 0.3244,
0.3417

■ 33.2757, 0.2032,
0.2257

■ 98.8352, 0.3238,
0.3474

■ 29.4877, 0.1945,
0.2100

■ 26.2182, 0.1880,
0.1948

■ 25.1043, 0.1859,
0.1892

Harmonies

Analogous

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



61.6433, 0.2714, 0.3155



61.6433, 0.2715, 0.2995



61.6433, 0.2821, 0.2919

Triad

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



61.6433, 0.2715, 0.2995



61.6433, 0.3441, 0.3209



61.6433, 0.3232, 0.3672

Complementary

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



61.6433, 0.2715, 0.2995



61.6958, 0.3621, 0.3567

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.



61.6433, 0.3434, 0.3674



61.6433, 0.2715, 0.2995



61.6433, 0.3559, 0.3399

Square

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



61.6433, 0.2715, 0.2995



61.6433, 0.3238, 0.3044



61.6433, 0.3555, 0.3570



61.6433, 0.3007, 0.3557

Rectangle

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



61.6433, 0.2715, 0.2995



61.6433, 0.2941, 0.2922



61.6433, 0.3555, 0.3570



61.6433, 0.3305, 0.3686

Sweetspot

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



61.6458, 0.2715, 0.2995



91.2066, 0.3003, 0.3208



73.0882, 0.2948, 0.3734



19.1829, 0.2979, 0.3192



0.0000, 0.0000, 0.0000



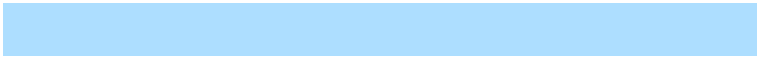
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6458, 0.2715, 0.2995



68.4748, 0.2623, 0.2919



47.7553, 0.2679, 0.2614



16.0457, 0.2981, 0.3193



14.1004, 0.1866, 0.1917



1.2949, 0.1924, 0.2126

Inverse Universe

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



52.7891, 0.3362, 0.2887



56.5830, 0.3430, 0.2794



77.3565, 0.3540, 0.3886



15.2052, 0.3199, 0.3150



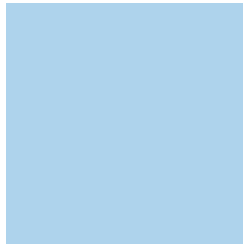
10.9162, 0.4548, 0.2279



0.8761, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 61.6433, 0.2715, 0.2995 looks on a white background.

Color Contrast Check

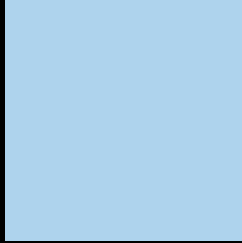
Large Text (above 18pt) WCAG AA × Fail

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 61.6433, 0.2715, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

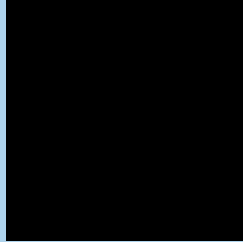
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

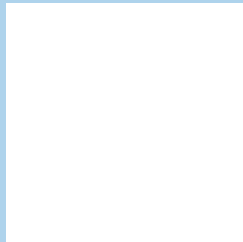
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6433, 0.2715, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 61.6433, 0.2715, 0.2995.



This preview shows how white text looks on a background with the Yxy color 61.6433, 0.2715, 0.2995.

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

61.6433, 0.2715, 0.2995

Protanopia

61.3728, 0.2921, 0.2983

Deuteranopia

61.1832, 0.2939, 0.2869



Tritanopia

61.6283, 0.2750, 0.3086

Trichromacy



Original Color

61.6433, 0.2715, 0.2995

Protanomaly

61.5852, 0.2840, 0.2990

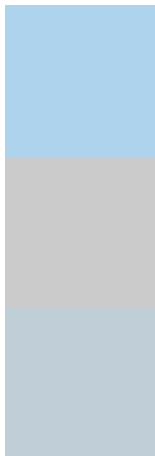
Deuteranomaly

61.1705, 0.2855, 0.2915

Tritanomaly

61.7974, 0.2733, 0.3052

Monochromacy



Original Color

61.6433, 0.2715, 0.2995

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2554, 0.2962, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6433, 0.2715, 0.2995 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(174, 211, 236)` looks like.

```
.text, #text, p{  
    color:rgb(174, 211, 236)  
}
```

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(174, 211, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 211, 236) }
```

Border

The CSS property to change the border of an element to Yxy 61.6433, 0.2715, 0.2995 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(174, 211, 236) }
```

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

```
.border{ border-color:rgb(174, 211, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 211, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 211, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 211, 236);  
box-shadow:4px 4px 4px 4px rgb(174, 211,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6433, 0.2715, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 211, 236) }
```

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

```
.background{ background-color: rgb(174,  
211, 236) }
```

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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