

Converting Colors

$Yxy(52.6407, 0.2739, 0.2914)$

Have a look what the booklet for
Yxy(52.6407, 0.2739, 0.2914)
contains.

Yxy(52.5659, 0.2736, 0.2907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.5659, 0.2736, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	AAC2E1
RGB	170, 194, 225
RGB Percent	67%, 76%, 88%
CMY	0.3330, 0.2393, 0.1176
CMYK	0.24, 0.14, 0.00, 0.12
HSL	214°, 48%, 77%
HSV	214°, 24%, 88%
XYZ	49.4738, 52.5659, 78.7856
YIQ	190.3580, -24.2550, 4.5530

Conversions

Conversions Part 2

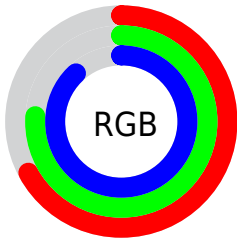
Format	Color
R_{YB}	170, 187, 225
Decimal	11191009
CIE _{Lab}	77.62, -1.32, -18.14
CIE _{LCh}	78, 18.190, 265.840
Yxy	52.5659, 0.2736, 0.2907
Android (android.graphics.Color)	4289381089 (0xFFAAC2E1)
YUV	190.3580, 17.0785, -17.8540
Hunter-Lab	72.5023, -5.0752, -13.6766

Details

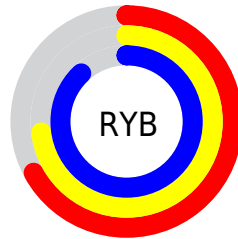
The Yxy color **52.5659, 0.2736, 0.2907** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.7415, 0.3554, 0.3645**, and the grayscale version is **51.6283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7600, 0.2951, 0.3239**, and **25.7339, 0.2633, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **44.8523, 0.2567, 0.2721**, and if you desaturate by 10%, it is **61.1970, 0.2901, 0.3076**.

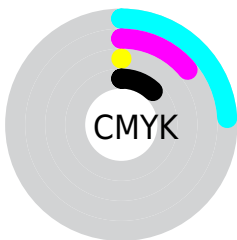
Distribution



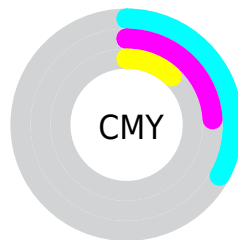
- Red (67%)
- Green (76%)
- Blue (88%)



- Red (67%)
- Yellow (73%)
- Blue (88%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5659, 0.2736, 0.2907 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 52.5659, 0.2736, 0.2907 by changing the saturation by 10% instead.

■ 52.5659, 0.2736,
0.2907

■ 52.5659, 0.2736,
0.2907

396.6174, 0.2926,
0.3093

■ 37.4563, 0.2691,
0.2862

■ 93.9653, 0.2803,
0.2973

■ 25.5610, 0.2634,
0.2806

121.0239, 0.2829,
0.2999

■ 16.4955, 0.2559,
0.2732

152.8343, 0.2851,
0.3020

■ 9.8755, 0.2460,
0.2633

189.7810, 0.2870,
0.3039

■ 5.3165, 0.2319,
0.2492

232.2482, 0.2887,
0.3055

■ 2.4341, 0.2107,
0.2278

280.6204, 0.2901,

■ 0.8434, 0.1753,

0.3070

0.1922

335.2820, 0.2914,
0.3082

0.0000, 0.0000,
0.0000

52.5659, 0.2736,
0.2907

52.5659, 0.2736,
0.2907

44.8523, 0.2567,
0.2721

61.1970, 0.2901,
0.3076

38.0159, 0.2397,
0.2520

70.7711, 0.3060,
0.3228

32.0224, 0.2233,
0.2307

81.3206, 0.3210,
0.3363

26.8328, 0.2080,
0.2087

91.8972, 0.3316,
0.3485

22.4036, 0.1944,
0.1865

98.2173, 0.3303,
0.3581

■ 18.6864, 0.1832,
0.1651

■ 15.6243, 0.1746,
0.1451

■ 14.1560, 0.1707,
0.1346

Harmonies

Analogous

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



52.5659, 0.2665, 0.3028



52.5659, 0.2736, 0.2907



52.5659, 0.2910, 0.2888

Triad

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



52.5659, 0.2736, 0.2907



52.5659, 0.3561, 0.3326



52.5659, 0.3092, 0.3646

Complementary

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



52.5659, 0.2736, 0.2907



60.7415, 0.3554, 0.3645

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.



52.5659, 0.3335, 0.3724



52.5659, 0.2736, 0.2907



52.5659, 0.3612, 0.3526

Square

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



52.5659, 0.2736, 0.2907



52.5659, 0.3389, 0.3125



52.5659, 0.3527, 0.3675



52.5659, 0.2865, 0.3460

Rectangle

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



52.5659, 0.2736, 0.2907



52.5659, 0.3065, 0.2931



52.5659, 0.3527, 0.3675



52.5659, 0.3174, 0.3686

Sweetspot

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



52.5680, 0.2736, 0.2907



90.5049, 0.3019, 0.3190



66.5992, 0.2911, 0.3592



19.2030, 0.3009, 0.3181



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.



52.5680, 0.2736, 0.2907



64.7527, 0.2655, 0.2820



43.0796, 0.2731, 0.2604



14.2195, 0.2981, 0.3154



8.3790, 0.1715, 0.1375



0.7565, 0.1799, 0.1675

Inverse Universe

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



48.6831, 0.3419, 0.3017



59.1437, 0.3494, 0.2960



72.3384, 0.3474, 0.3902



13.7991, 0.3224, 0.3188



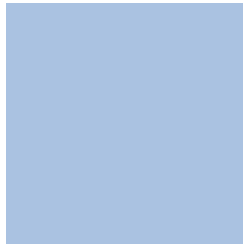
9.7539, 0.5225, 0.2652



0.6938, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 52.5659, 0.2736, 0.2907 looks on a white background.

Color Contrast Check

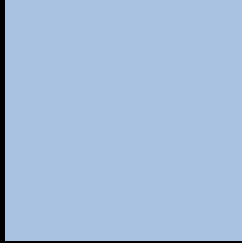
Large Text (above 18pt) WCAG AA × Fail

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 52.5659, 0.2736, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

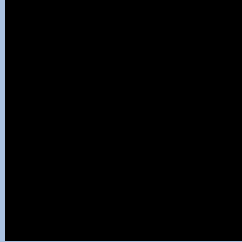
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

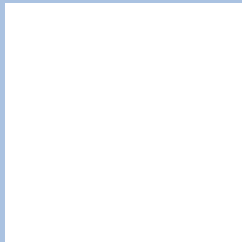
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5659, 0.2736, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 52.5659, 0.2736, 0.2907.



This preview shows how white text looks on a background with the Yxy color 52.5659, 0.2736, 0.2907.

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

52.5659, 0.2736, 0.2907

Protanopia

52.4151, 0.2859, 0.2903

Deuteranopia

52.3691, 0.2890, 0.2829



Tritanopia

52.4488, 0.2799, 0.3087

Trichromacy



Original Color

52.5659, 0.2736, 0.2907

Protanomaly

52.2926, 0.2816, 0.2900

Deuteranomaly

52.6322, 0.2832, 0.2858

Tritanomaly

52.3648, 0.2773, 0.3014

Monochromacy



Original Color

52.5659, 0.2736, 0.2907

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6407, 0.2976, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5659, 0.2736, 0.2907 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(170, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(170, 194, 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(170, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 194, 225) }
```

Border

The CSS property to change the border of an element to Yxy 52.5659, 0.2736, 0.2907 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(170, 194, 225) }
```

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

```
.border{ border-color:rgb(170, 194, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 194, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 194, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 194, 225);  
box-shadow:4px 4px 4px 4px rgb(170, 194,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5659, 0.2736, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 194, 225) }
```

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

```
.background{ background-color: rgb(170,  
194, 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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