

Converting Colors

$Y_{xy}(55.4155, 0.2792, 0.2970)$

Have a look what the booklet for
Yxy(55.4155, 0.2792, 0.2970)
contains.

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Color

Yxy(55.1715, 0.2788, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	B1C6E1
RGB	177, 198, 225
RGB Percent	69%, 78%, 88%
CMY	0.3056, 0.2236, 0.1176
CMYK	0.21, 0.12, 0.00, 0.12
HSL	214°, 44%, 79%
HSV	214°, 21%, 88%
XYZ	51.9305, 55.1715, 79.1623
YIQ	194.7990, -21.1830, 3.9450

Conversions

Conversions Part 2

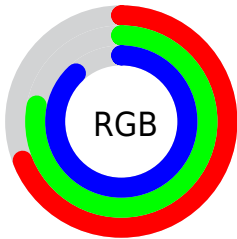
Format	Color
RYB	177, 192, 225
Decimal	11650785
CIELab	79.14, -1.33, -15.80
CIELCh	79, 15.860, 265.192
Yxy	55.1715, 0.2788, 0.2962
Android (android.graphics.Color)	4289840865 (0xFFB1C6E1)
YUV	194.7990, 14.8891, -15.6097
Hunter-Lab	74.2775, -5.1889, -11.1949

Details

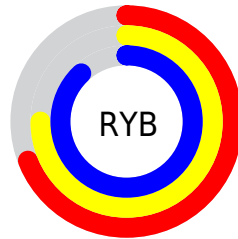
The Yxy color **55.1715, 0.2788, 0.2962** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.4282, 0.3493, 0.3597**, and the grayscale version is **54.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **27.1339, 0.2700, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **47.1846, 0.2620, 0.2781**, and if you desaturate by 10%, it is **64.0846, 0.2951, 0.3126**.

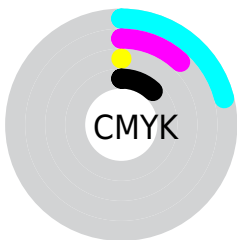
Distribution



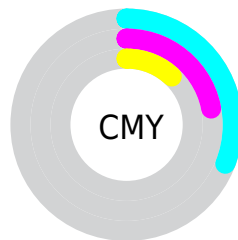
- Red (69%)
- Green (78%)
- Blue (88%)



- Red (69%)
- Yellow (75%)
- Blue (88%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1715, 0.2788, 0.2962 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 55.1715, 0.2788, 0.2962 by changing the saturation by 10% instead.

■ 55.1715, 0.2788,
0.2962

■ 55.1715, 0.2788,
0.2962

406.5617, 0.2951,
0.3121

■ 39.5390, 0.2749,
0.2924

■ 97.7922, 0.2846,
0.3018

■ 27.1793, 0.2700,
0.2876

125.5492, 0.2868,
0.3040

■ 17.7080, 0.2637,
0.2814

158.1165, 0.2887,
0.3058

■ 10.7405, 0.2552,
0.2731

195.8786, 0.2903,
0.3074

■ 5.8926, 0.2433,
0.2613

239.2197, 0.2918,
0.3088

■ 2.7799, 0.2253,
0.2434

288.5244, 0.2930,

■ 1.0179, 0.1956,

0.3100

0.2135

344.1769, 0.2941,
0.3111

0.0000, 0.0000,
0.0000

55.1715, 0.2788,
0.2962

55.1715, 0.2788,
0.2962

47.1846, 0.2620,
0.2781

64.0846, 0.2951,
0.3126

40.0841, 0.2450,
0.2585

73.9486, 0.3107,
0.3272

33.8368, 0.2284,
0.2376

84.7954, 0.3254,
0.3402

28.4044, 0.2127,
0.2157

94.2892, 0.3311,
0.3522

23.7451, 0.1985,
0.1936

98.2175, 0.3303,
0.3581

■ 19.8123, 0.1865,
0.1719

■ 16.5524, 0.1771,
0.1514

■ 14.1969, 0.1708,
0.1349

Harmonies

Analogous

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



55.1715, 0.2728, 0.3069



55.1715, 0.2788, 0.2962



55.1715, 0.2937, 0.2942

Triad

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



55.1715, 0.2788, 0.2962



55.1715, 0.3497, 0.3318



55.1715, 0.3102, 0.3596

Complementary

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



55.1715, 0.2788, 0.2962



62.4282, 0.3493, 0.3597

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.



55.1715, 0.3310, 0.3661



55.1715, 0.2788, 0.2962



55.1715, 0.3543, 0.3491

Square

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



55.1715, 0.2788, 0.2962



55.1715, 0.3348, 0.3144



55.1715, 0.3473, 0.3619



55.1715, 0.2906, 0.3440

Rectangle

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



55.1715, 0.2788, 0.2962



55.1715, 0.3070, 0.2978



55.1715, 0.3473, 0.3619



55.1715, 0.3173, 0.3629

Sweetspot

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



55.1737, 0.2788, 0.2962



91.8309, 0.3035, 0.3205



67.5520, 0.2938, 0.3549



19.4713, 0.3024, 0.3195



0.0000, 0.0000, 0.0000



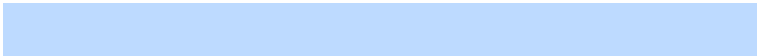
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1737, 0.2788, 0.2962



67.9423, 0.2706, 0.2876



46.5505, 0.2788, 0.2702



14.2217, 0.2981, 0.3154



8.4024, 0.1716, 0.1378



0.7582, 0.1799, 0.1677

Inverse Universe

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



51.5609, 0.3374, 0.3053



62.5679, 0.3446, 0.2995



72.6691, 0.3430, 0.3823



13.7993, 0.3224, 0.3188



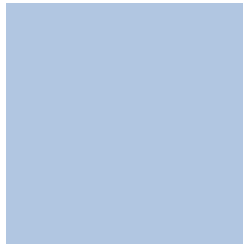
9.7563, 0.5221, 0.2650



0.6940, 0.4834, 0.2437

Previews

White Background



This preview shows how the Yxy color 55.1715, 0.2788, 0.2962 looks on a white background.

Color Contrast Check

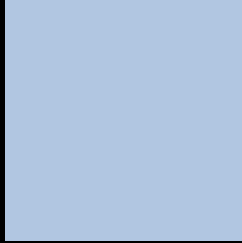
Large Text (above 18pt) WCAG AA × Fail

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 55.1715, 0.2788, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

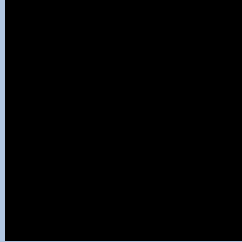
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

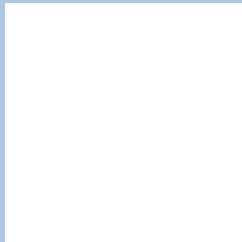
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1715, 0.2788, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 55.1715, 0.2788, 0.2962.



This preview shows how white text looks on a background with the Yxy color 55.1715, 0.2788, 0.2962.

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

55.1715, 0.2788, 0.2962

Protanopia

54.9877, 0.2898, 0.2946

Deuteranopia

55.0320, 0.2944, 0.2884



Tritanopia

55.3288, 0.2839, 0.3104

Trichromacy



Original Color

55.1715, 0.2788, 0.2962

Protanomaly

54.8511, 0.2856, 0.2943

Deuteranomaly

55.2810, 0.2885, 0.2913

Tritanomaly

55.1914, 0.2820, 0.3045

Monochromacy



Original Color

55.1715, 0.2788, 0.2962

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6275, 0.2993, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1715, 0.2788, 0.2962 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(177, 198, 225)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 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(177, 198, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 225) }
```

Border

The CSS property to change the border of an element to Yxy 55.1715, 0.2788, 0.2962 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(177, 198, 225) }
```

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

```
.border{ border-color:rgb(177, 198, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 198, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 225);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1715, 0.2788, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 225) }
```

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

```
.background{ background-color: rgb(177,  
198, 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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