

Converting Colors

Yxy(61.5253, 0.2551, 0.3126)

Have a look what the booklet for
Yxy(61.5253, 0.2551, 0.3126)
contains.

Yxy(61.4013, 0.2554, 0.3127)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.4013, 0.2554, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	8BDAE7
RGB	139, 218, 231
RGB Percent	55%, 85%, 91%
CMY	0.4546, 0.1451, 0.0941
CMYK	0.40, 0.06, 0.00, 0.09
HSL	188°, 66%, 73%
HSV	188°, 40%, 91%
XYZ	50.1500, 61.4013, 84.8072
YIQ	195.8610, -51.2570, -12.7050

Conversions

Conversions Part 2

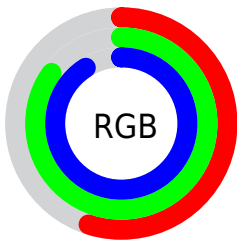
Format	Color
R _{YB}	139, 182, 231
Decimal	9165543
CIE _{Lab}	82.59, -20.94, -14.03
CIE _{LCh}	83, 25.206, 213.810
Y _{xy}	61.4013, 0.2554, 0.3127
Android (android.graphics.Color)	4287355623 (0xFF8BDAE7)
YUV	195.8610, 17.3235, -49.8671
Hunter-Lab	78.3590, -22.8877, -9.3178

Details

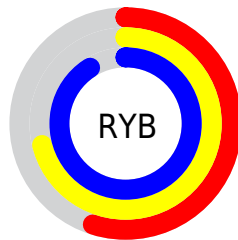
The Yxy color **61.4013, 0.2554, 0.3127** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3338, 0.4070, 0.3443**, and the grayscale version is **55.0410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **31.1285, 0.2421, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **57.9417, 0.2437, 0.3079**, and if you desaturate by 10%, it is **65.3192, 0.2685, 0.3172**.

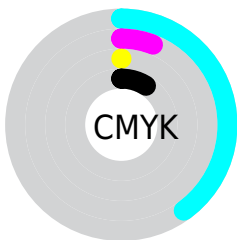
Distribution



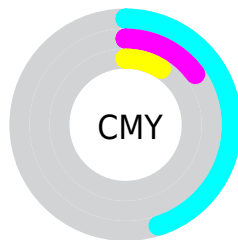
- Red (55%)
- Green (85%)
- Blue (91%)



- Red (55%)
- Yellow (71%)
- Blue (91%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)





- Cyan (45%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4013, 0.2554, 0.3127 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 61.4013, 0.2554, 0.3127 by changing the saturation by 10% instead.


 61.4013, 0.2554,
0.3127

 61.4013, 0.2554,
0.3127

429.7439, 0.2822,
0.3211

 44.5491, 0.2493,
0.3106


 106.8598, 0.2647,
0.3158

 31.1024, 0.2416,
0.3079


 136.2348, 0.2683,
0.3169

 20.6769, 0.2320,
0.3043


170.5530, 0.2714,
0.3179

 12.8880, 0.2194,
0.2993

210.1986, 0.2741,
0.3187

 7.3515, 0.2023,
0.2920

255.5562, 0.2765,
0.3194

 3.6829, 0.1779,
0.2803

307.0099, 0.2786,

 1.4978, 0.1411,

0.3200

0.2597

364.9444, 0.2805,
0.3206

■ 0.2872, 0.0000,
0.1773

■ 0.0000, 0.0000,
0.0000

■ 61.4013, 0.2554,
0.3127

■ 61.4013, 0.2554,
0.3127

■ 57.9417, 0.2437,
0.3079

■ 65.3192, 0.2685,
0.3172

■ 54.9064, 0.2336,
0.3030

■ 69.7129, 0.2827,
0.3215

■ 52.2679, 0.2254,
0.2980

■ 74.6073, 0.2976,
0.3255

■ 49.9920, 0.2191,
0.2929

■ 80.0236, 0.3130,
0.3291

■ 48.0382, 0.2147,
0.2879

■ 85.9817, 0.3286,
0.3323

■ 46.3385, 0.2120,
0.2830

■ 87.9454, 0.3286,
0.3355

■ 46.3052, 0.2119,
0.2829

■ 89.8611, 0.3282,
0.3387

■ 91.8116, 0.3279,
0.3419

■ 93.7970, 0.3276,
0.3450

Harmonies

Analogous

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



61.4013, 0.2717, 0.3433



61.4013, 0.2554, 0.3127



61.4013, 0.2536, 0.2889

Triad

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



61.4013, 0.2554, 0.3127



61.4013, 0.3240, 0.2918



61.4013, 0.3595, 0.3827

Complementary

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



61.4013, 0.2554, 0.3127



41.3338, 0.4070, 0.3443

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.



61.4013, 0.3753, 0.3654



61.4013, 0.2554, 0.3127



61.4013, 0.3544, 0.3138

Square

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



61.4013, 0.2554, 0.3127



61.4013, 0.2918, 0.2785



61.4013, 0.3736, 0.3403



61.4013, 0.3314, 0.3856

Rectangle

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



61.4013, 0.2554, 0.3127



61.4013, 0.2606, 0.2795



61.4013, 0.3736, 0.3403



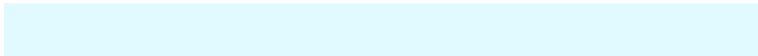
61.4013, 0.3665, 0.3783

Sweetspot

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



61.4037, 0.2554, 0.3127



91.9206, 0.2942, 0.3246



64.8903, 0.3003, 0.4346



19.4989, 0.2922, 0.3241



0.0000, 0.0000, 0.0000



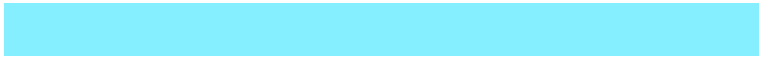
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4037, 0.2554, 0.3127



73.1405, 0.2454, 0.3087



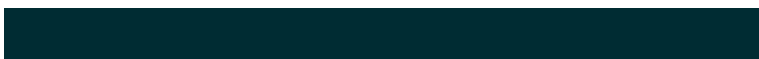
41.0647, 0.2461, 0.2528



15.9705, 0.2981, 0.3256



26.0990, 0.2121, 0.2837



2.0245, 0.2142, 0.2909

Inverse Universe

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



40.5346, 0.3291, 0.2432



44.0803, 0.3335, 0.2263



58.9188, 0.3860, 0.3945



14.5783, 0.3159, 0.3091



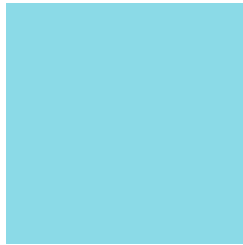
11.8324, 0.3601, 0.1757



0.8840, 0.3535, 0.1721

Previews

White Background



This preview shows how the Yxy color 61.4013, 0.2554, 0.3127 looks on a white background.

Color Contrast Check

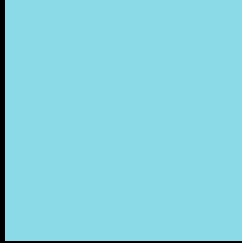
Large Text (above 18pt) WCAG AA × Fail

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 61.4013, 0.2554, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

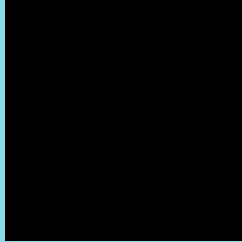
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4013, 0.2554, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 61.4013, 0.2554, 0.3127.



This preview shows how white text looks on a background with the Yxy color 61.4013, 0.2554, 0.3127.

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

61.4013, 0.2554, 0.3127

Protanopia

60.6823, 0.2995, 0.3072

Deuteranopia

60.5466, 0.2958, 0.2889



Tritanopia

61.1993, 0.2537, 0.3067

Trichromacy



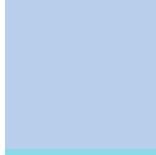
Original Color

61.4013, 0.2554, 0.3127



Protanomaly

60.2513, 0.2816, 0.3087



Deuteranomaly

60.2735, 0.2786, 0.2963



Tritanomaly

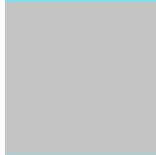
61.1417, 0.2542, 0.3079

Monochromacy



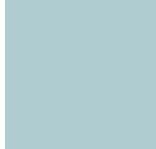
Original Color

61.4013, 0.2554, 0.3127



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

56.9031, 0.2880, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4013, 0.2554, 0.3127 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(139, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(139, 218, 231)  
}
```

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(139, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 218, 231) }
```

Border

The CSS property to change the border of an element to Yxy 61.4013, 0.2554, 0.3127 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(139, 218, 231) }
```

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

```
.border{ border-color:rgb(139, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(139, 218,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4013, 0.2554, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 218, 231) }
```

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

```
.background{ background-color: rgb(139,  
218, 231) }
```

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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