

Converting Colors

$Yxy(61.9957, 0.2857, 0.3944)$

Have a look what the booklet for
Yxy(61.9957, 0.2857, 0.3944)
contains.

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Color

Yxy(61.7248, 0.2856, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	89E0AF
RGB	137, 224, 175
RGB Percent	54%, 88%, 69%
CMY	0.4628, 0.1215, 0.3138
CMYK	0.39, 0.00, 0.22, 0.12
HSL	146°, 58%, 71%
HSV	146°, 39%, 88%
XYZ	44.7086, 61.7248, 50.1093
YIQ	192.4010, -36.1230, -33.6830

Conversions

Conversions Part 2

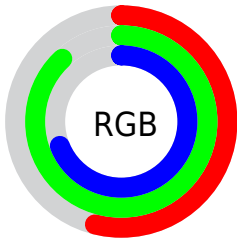
Format	Color
RYB	137, 198, 224
Decimal	9035951
CIELab	82.77, -36.86, 15.88
CIElCh	83, 40.137, 156.702
Yxy	61.7248, 0.2856, 0.3943
Android (android.graphics.Color)	4287226031 (0xFF89E0AF)
YUV	192.4010, -8.5787, -48.5867
Hunter-Lab	78.5651, -35.9110, 17.1801

Details

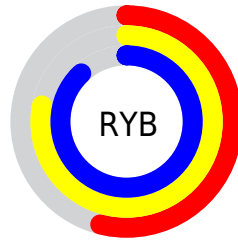
The Yxy color **61.7248, 0.2856, 0.3943** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **37.2845, 0.3546, 0.2723**, and the grayscale version is **53.0262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6270, 0.2890, 0.3549**, and **31.2042, 0.2780, 0.4131** is the 20% darker color. If you saturate the color by 10%, you get **59.5538, 0.2803, 0.4150**, and if you desaturate by 10%, it is **64.3401, 0.2919, 0.3751**.

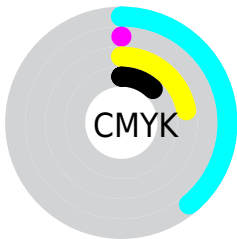
Distribution



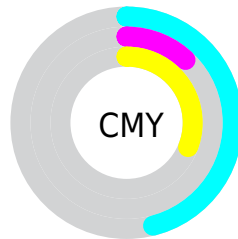
- Red (54%)
- Green (88%)
- Blue (69%)



- Red (54%)
- Yellow (78%)
- Blue (88%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)




- Cyan (46%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7248, 0.2856, 0.3943 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 61.7248, 0.2856, 0.3943 by changing the saturation by 10% instead.


 61.7248, 0.2856,
0.3943


 61.7248, 0.2856,
0.3943


430.9265, 0.2992,
0.3618


 44.8104, 0.2822,
0.4024

 107.3277, 0.2905,
0.3825

 31.3081, 0.2778,
0.4127


 136.7849, 0.2924,
0.3781

 20.8336, 0.2721,
0.4263


 171.1919, 0.2940,
0.3743

 13.0024, 0.2640,
0.4452

210.9330, 0.2953,
0.3711

 7.4302, 0.2521,
0.4730

256.3926, 0.2965,
0.3683

 3.7326, 0.2328,
0.5174

307.9552, 0.2975,

 1.5251, 0.1850,

0.3659

366.0050, 0.2984,
0.3637

0.6361

0.3063, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.7248, 0.2856,
0.3943

61.7248, 0.2856,
0.3943

59.5538, 0.2803,
0.4150

64.3401, 0.2919,
0.3751

57.7939, 0.2764,
0.4367


67.4158, 0.2988,
0.3575

56.4189, 0.2741,
0.4589


70.9763, 0.3061,
0.3416


55.3965, 0.2736,
0.4809


75.0421, 0.3136,
0.3274

 54.6885, 0.2752,
0.5020

 79.6323, 0.3210,
0.3149

 54.2373, 0.2784,
0.5215

 81.5209, 0.3169,
0.3030

 54.1928, 0.2788,
0.5236

 81.7944, 0.3141,
0.2989

Harmonies

Analogous

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



61.7248, 0.3356, 0.4203



61.7248, 0.2856, 0.3943



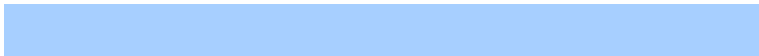
61.7248, 0.2450, 0.3462

Triad

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



61.7248, 0.2856, 0.3943



61.7248, 0.2438, 0.2482



61.7248, 0.4116, 0.3480

Complementary

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



61.7248, 0.2856, 0.3943



37.2845, 0.3546, 0.2723

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.



61.7248, 0.3832, 0.3082



61.7248, 0.2856, 0.3943



61.7248, 0.2836, 0.2531

Square

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



61.7248, 0.2856, 0.3943



61.7248, 0.2227, 0.2626



61.7248, 0.3348, 0.2746



61.7248, 0.4104, 0.3869

Rectangle

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



61.7248, 0.2856, 0.3943



61.7248, 0.2279, 0.3122



61.7248, 0.3348, 0.2746



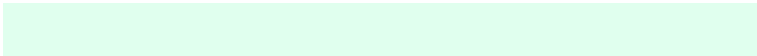
61.7248, 0.4052, 0.3345

Sweetspot

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



61.7273, 0.2856, 0.3943



93.5903, 0.3037, 0.3466



65.5975, 0.3417, 0.4353



19.8956, 0.3028, 0.3486



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.



61.7273, 0.2856, 0.3943



80.2920, 0.2810, 0.4118



63.7053, 0.2620, 0.3362



15.4362, 0.3057, 0.3425



31.5645, 0.2780, 0.5208



2.2056, 0.2696, 0.4905

Inverse Universe

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



37.2845, 0.3546, 0.2723



42.9257, 0.3677, 0.2602



35.7159, 0.4028, 0.3224



13.8292, 0.3204, 0.3159



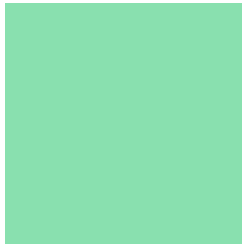
10.1274, 0.4686, 0.2355



0.7199, 0.4396, 0.2195

Previews

White Background



This preview shows how the Yxy color 61.7248, 0.2856, 0.3943 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 61.7248, 0.2856, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

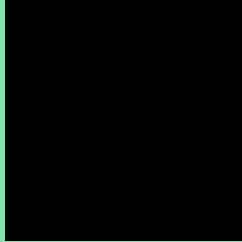
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7248, 0.2856, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 61.7248, 0.2856, 0.3943.



This preview shows how white text looks on a background with the Yxy color 61.7248, 0.2856, 0.3943.

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

61.7248, 0.2856, 0.3943

Protanopia

61.1675, 0.3509, 0.3744

Deuteranopia

60.7611, 0.3553, 0.3469



Tritanopia

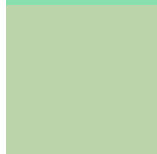
61.4790, 0.2598, 0.3081

Trichromacy



Original Color

61.7248, 0.2856, 0.3943



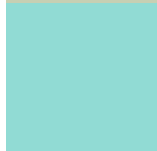
Protanomaly

60.6429, 0.3243, 0.3823



Deuteranomaly

60.0224, 0.3265, 0.3629



Tritanomaly

61.4362, 0.2688, 0.3378

Monochromacy



Original Color

61.7248, 0.2856, 0.3943



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.5016, 0.3011, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7248, 0.2856, 0.3943 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(137, 224, 175)` looks like.

```
.text, #text, p{  
    color:rgb(137, 224, 175)  
}
```

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(137, 224, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 224, 175) }
```

Border

The CSS property to change the border of an element to Yxy 61.7248, 0.2856, 0.3943 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(137, 224, 175) }
```

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

```
.border{ border-color:rgb(137, 224, 175) }
```

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

Here you see how a box with a 4 pixel rgb(137, 224, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 224, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 224, 175);  
box-shadow:4px 4px 4px 4px rgb(137, 224,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7248, 0.2856, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 224, 175) }
```

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

```
.background{ background-color: rgb(137,  
224, 175) }
```

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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