

Converting Colors

$Yxy(61.5459, 0.2733, 0.3327)$

Have a look what the booklet for
Yxy(61.5459, 0.2733, 0.3327)
contains.

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Color

Yxy(61.4493, 0.2732, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	9BD9D6
RGB	155, 217, 214
RGB Percent	61%, 85%, 84%
CMY	0.3920, 0.1490, 0.1607
CMYK	0.29, 0.00, 0.01, 0.15
HSL	177°, 45%, 73%
HSV	177°, 29%, 85%
XYZ	50.4749, 61.4493, 72.8302
YIQ	198.1200, -35.9890, -14.0770

Conversions

Conversions Part 2

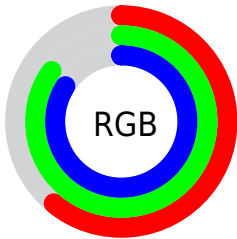
Format	Color
RYB	155, 187, 217
Decimal	10213846
CIELab	82.62, -20.18, -4.88
CIELCh	83, 20.764, 193.580
Yxy	61.4493, 0.2732, 0.3326
Android (android.graphics.Color)	4288403926 (0xFF9BD9D6)
YUV	198.1200, 7.8288, -37.8162
Hunter-Lab	78.3896, -22.2461, -0.2124

Details

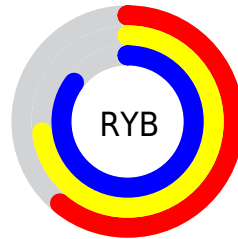
The Yxy color **61.4493, 0.2732, 0.3326** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6759, 0.3723, 0.3255**, and the grayscale version is **56.5230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **31.1106, 0.2635, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **59.4405, 0.2616, 0.3340**, and if you desaturate by 10%, it is **63.8493, 0.2862, 0.3312**.

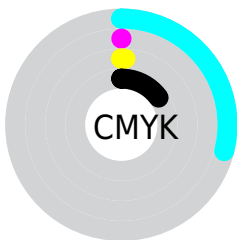
Distribution



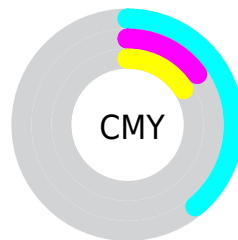
- Red (61%)
- Green (85%)
- Blue (84%)



- Red (61%)
- Yellow (73%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)




- Cyan (39%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4493, 0.2732, 0.3326 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 61.4493, 0.2732, 0.3326 by changing the saturation by 10% instead.


 61.4493, 0.2732,
0.3326


 61.4493, 0.2732,
0.3326


429.9195, 0.2919,
0.3311

 44.5879, 0.2688,
0.3329


 106.9292, 0.2798,
0.3321

 31.1329, 0.2634,
0.3332


 136.3165, 0.2823,
0.3319

 20.7001, 0.2565,
0.3336


170.6478, 0.2844,
0.3318

 12.9050, 0.2473,
0.3339

210.3077, 0.2863,
0.3316

 7.3631, 0.2345,
0.3343

255.6803, 0.2880,
0.3315

 3.6902, 0.2156,
0.3343

307.1503, 0.2894,

 1.5018, 0.1853,

0.3313

365.1018, 0.2907,
0.3312

0.3333

0.2900, 0.0000,
0.3064

0.0000, 0.0000,
0.0000

61.4493, 0.2732,
0.3326

61.4493, 0.2732,
0.3326

59.4405, 0.2616,
0.3340

63.8493, 0.2862,
0.3312

57.7946, 0.2515,
0.3356

66.6520, 0.3001,
0.3300

56.4917, 0.2433,
0.3371

69.8779, 0.3149,
0.3288

55.5065, 0.2369,
0.3387

73.5437, 0.3301,
0.3278

■ 54.8107, 0.2325,
0.3403

■ 76.0101, 0.3391,
0.3268

■ 54.3704, 0.2299,
0.3419

■ 76.0653, 0.3384,
0.3258

■ 54.1349, 0.2289,
0.3435

■ 76.1208, 0.3376,
0.3247

■ 54.1073, 0.2288,
0.3437

■ 76.1766, 0.3369,
0.3237

■ 76.2329, 0.3361,
0.3226

Harmonies

Analogous

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



61.4493, 0.2936, 0.3568



61.4493, 0.2732, 0.3326



61.4493, 0.2632, 0.3086

Triad

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



61.4493, 0.2732, 0.3326



61.4493, 0.3039, 0.2895



61.4493, 0.3615, 0.3650

Complementary

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



61.4493, 0.2732, 0.3326



40.6759, 0.3723, 0.3255

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.



61.4493, 0.3649, 0.3459



61.4493, 0.2732, 0.3326



61.4493, 0.3308, 0.3034

Square

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



61.4493, 0.2732, 0.3326



61.4493, 0.2804, 0.2851



61.4493, 0.3535, 0.3236



61.4493, 0.3447, 0.3755

Rectangle

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



61.4493, 0.2732, 0.3326



61.4493, 0.2635, 0.2962



61.4493, 0.3535, 0.3236



61.4493, 0.3643, 0.3593

Sweetspot

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



61.4518, 0.2732, 0.3326



95.8333, 0.2994, 0.3301



59.2742, 0.3110, 0.4109



20.3783, 0.2973, 0.3302



0.0000, 0.0000, 0.0000



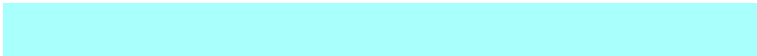
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4518, 0.2732, 0.3326



86.8324, 0.2663, 0.3334



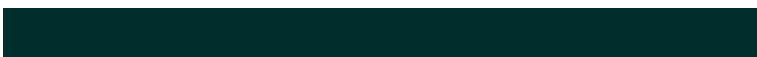
48.4266, 0.2677, 0.2929



14.8182, 0.2989, 0.3301



32.7599, 0.2287, 0.3435



2.1257, 0.2280, 0.3409

Inverse Universe

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



40.6759, 0.3723, 0.3255



52.3727, 0.3894, 0.3248



50.9526, 0.3661, 0.3625



13.0616, 0.3284, 0.3279



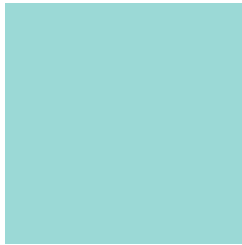
8.9482, 0.6346, 0.3270



0.5834, 0.6185, 0.3181

Previews

White Background



This preview shows how the Yxy color 61.4493, 0.2732, 0.3326 looks on a white background.

Color Contrast Check

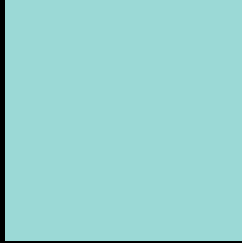
Large Text (above 18pt) WCAG AA × Fail

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 61.4493, 0.2732, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

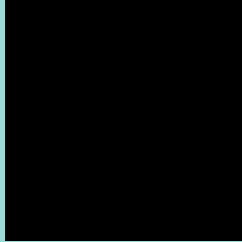
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

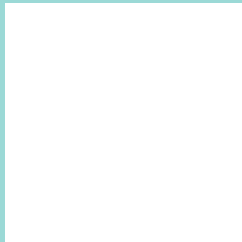
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4493, 0.2732, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 61.4493, 0.2732, 0.3326.



This preview shows how white text looks on a background with the Yxy color 61.4493, 0.2732, 0.3326.

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

61.4493, 0.2732, 0.3326

Protanopia

61.0519, 0.3144, 0.3267

Deuteranopia

60.9689, 0.3145, 0.3078



Tritanopia

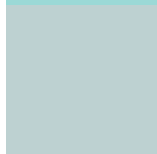
61.2903, 0.2651, 0.3071

Trichromacy



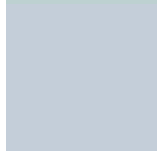
Original Color

61.4493, 0.2732, 0.3326



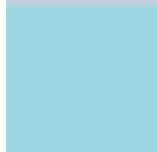
Protanomaly

61.0232, 0.2981, 0.3290



Deuteranomaly

60.8881, 0.2978, 0.3161



Tritanomaly

61.3062, 0.2685, 0.3166

Monochromacy



Original Color

61.4493, 0.2732, 0.3326



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

57.9674, 0.2963, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4493, 0.2732, 0.3326 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(155, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(155, 217, 214)  
}
```

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(155, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 217, 214) }
```

Border

The CSS property to change the border of an element to Yxy 61.4493, 0.2732, 0.3326 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(155, 217, 214) }
```

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

```
.border{ border-color:rgb(155, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(155, 217,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4493, 0.2732, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 217, 214) }
```

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

```
.background{ background-color: rgb(155,  
217, 214) }
```

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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