

Converting Colors

Yxy(62.8776, 0.3144, 0.3451)

Have a look what the booklet for
Yxy(62.8776, 0.3144, 0.3451)
contains.

Yxy(62.8991, 0.3142, 0.3455)	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(62.8991, 0.3142, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	C8D3C5
RGB	200, 211, 197
RGB Percent	78%, 83%, 77%
CMY	0.2155, 0.1726, 0.2274
CMYK	0.05, 0.00, 0.07, 0.17
HSL	107°, 14%, 80%
HSV	107°, 7%, 83%
XYZ	57.2009, 62.8991, 61.9524
YIQ	206.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

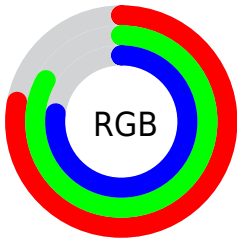
Format	Color
RYB	197, 211, 208
Decimal	13161413
CIELab	83.39, -6.26, 5.63
CIElCh	83, 8.421, 138.021
Yxy	62.8991, 0.3142, 0.3455
Android (android.graphics.Color)	4291351493 (0xFFC8D3C5)
YUV	206.1150, -4.4937, -5.3629
Hunter-Lab	79.3090, -10.0492, 9.2017

Details

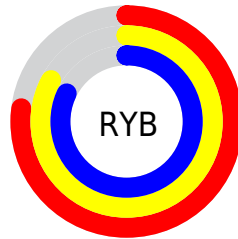
The Yxy color **62.8991, 0.3142, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0417, 0.3111, 0.3128**, and the grayscale version is **61.8350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **32.2081, 0.3146, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **59.8479, 0.3163, 0.3728**, and if you desaturate by 10%, it is **66.3367, 0.3119, 0.3211**.

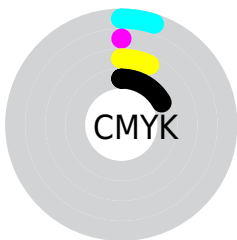
Distribution



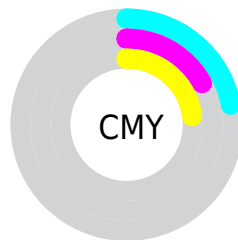
- Red (78%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8991, 0.3142, 0.3455 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 62.8991, 0.3142, 0.3455 by changing the saturation by 10% instead.

■ 62.8991, 0.3142,
0.3455

■ 62.8991, 0.3142,
0.3455

435.2032, 0.3135,
0.3376

■ 45.7596, 0.3143,
0.3474

109.0239, 0.3140,
0.3427

■ 32.0561, 0.3145,
0.3498

138.7780, 0.3139,
0.3416

■ 21.4044, 0.3147,
0.3528

173.5058, 0.3138,
0.3407

■ 13.4199, 0.3150,
0.3570

213.5916, 0.3137,
0.3399

■ 7.7183, 0.3154,
0.3629

259.4199, 0.3137,
0.3392

■ 3.9153, 0.3158,
0.3719

311.3749, 0.3136,

■ 1.6263, 0.3163,

0.3386

369.8413, 0.3136,
0.3381

0.3874

0.3752, 0.3432,
0.6319

0.0000, 0.0000,
0.0000

62.8991, 0.3142,
0.3455

62.8991, 0.3142,
0.3455

59.8479, 0.3163,
0.3728

66.3367, 0.3119,
0.3211

57.1618, 0.3181,
0.4029

70.1654, 0.3097,
0.2995

54.8292, 0.3194,
0.4352

74.0535, 0.3109,
0.2856

52.8350, 0.3201,
0.4687

75.0647, 0.3147,
0.2861

■ 51.1631, 0.3198,
0.5019

■ 49.7959, 0.3185,
0.5327

■ 48.7140, 0.3161,
0.5589

■ 47.8956, 0.3127,
0.5787

■ 47.3146, 0.3087,
0.5909

Harmonies

Analogous

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



62.8991, 0.3244, 0.3477



62.8991, 0.3142, 0.3455



62.8991, 0.3037, 0.3387

Triad

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



62.8991, 0.3142, 0.3455



62.8991, 0.2941, 0.3132



62.8991, 0.3300, 0.3284

Complementary

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



62.8991, 0.3142, 0.3455



58.0417, 0.3111, 0.3128

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.



62.8991, 0.3216, 0.3196



62.8991, 0.3142, 0.3455



62.8991, 0.3009, 0.3109

Square

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



62.8991, 0.3142, 0.3455



62.8991, 0.2922, 0.3199



62.8991, 0.3110, 0.3132



62.8991, 0.3337, 0.3376

Rectangle

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



62.8991, 0.3142, 0.3455



62.8991, 0.2979, 0.3325



62.8991, 0.3110, 0.3132



62.8991, 0.3276, 0.3253

Sweetspot

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



62.9018, 0.3142, 0.3455



98.9265, 0.3132, 0.3339



62.8590, 0.3228, 0.3414



21.1856, 0.3132, 0.3337



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.



62.9018, 0.3142, 0.3455



95.8513, 0.3145, 0.3493



62.6606, 0.3094, 0.3411



13.3283, 0.3148, 0.3528



28.5014, 0.3083, 0.5934



1.6293, 0.3211, 0.5832

Inverse Universe

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



58.0417, 0.3111, 0.3128



86.8371, 0.3107, 0.3092



58.3012, 0.3162, 0.3172



11.8741, 0.3104, 0.3058



7.7230, 0.2668, 0.1244



0.4648, 0.2773, 0.1301

Previews

White Background



This preview shows how the Yxy color 62.8991, 0.3142, 0.3455 looks on a white background.

Color Contrast Check

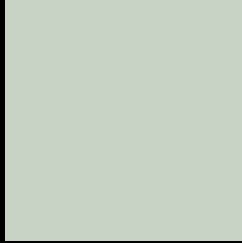
Large Text (above 18pt) WCAG AA × Fail

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 62.8991, 0.3142, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

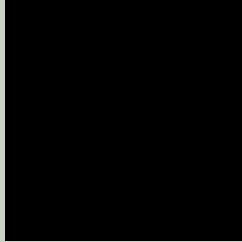
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

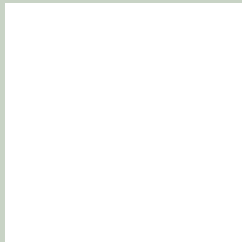
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8991, 0.3142, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 62.8991, 0.3142, 0.3455.



This preview shows how white text looks on a background with the Yxy color 62.8991, 0.3142, 0.3455.

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

62.8991, 0.3142, 0.3455

Protanopia

62.8619, 0.3266, 0.3428

Deuteranopia

62.8857, 0.3379, 0.3313



Tritanopia

62.7907, 0.2996, 0.3107

Trichromacy



Original Color

62.8991, 0.3142, 0.3455

Protanomaly

62.6526, 0.3219, 0.3430

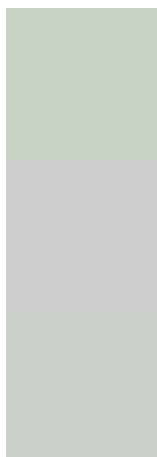
Deuteranomaly

62.9555, 0.3294, 0.3370

Tritanomaly

62.6633, 0.3049, 0.3221

Monochromacy



Original Color

62.8991, 0.3142, 0.3455

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2609, 0.3132, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8991, 0.3142, 0.3455 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(200, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 197)  
}
```

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(200, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.8991, 0.3142, 0.3455 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(200, 211, 197) }
```

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

```
.border{ border-color:rgb(200, 211, 197) }
```

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

Here you see how a box with a 4 pixel rgb(200, 211, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8991, 0.3142, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 197) }
```

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

```
.background{ background-color: rgb(200,  
211, 197) }
```

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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