

Converting Colors

Yxy(62.2687, 0.3120, 0.3439)

Have a look what the booklet for
Yxy(62.2687, 0.3120, 0.3439)
contains.

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Color

Yxy(62.1762, 0.3120, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	C6D2C6
RGB	198, 210, 198
RGB Percent	78%, 82%, 78%
CMY	0.2237, 0.1764, 0.2234
CMYK	0.06, 0.00, 0.06, 0.18
HSL	120°, 12%, 80%
HSV	120°, 6%, 82%
XYZ	56.5238, 62.1762, 62.4661
YIQ	205.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

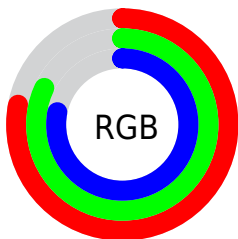
Format	Color
RYB	198, 210, 210
Decimal	13030086
CIELab	83.01, -6.29, 4.52
CIELCh	83, 7.740, 144.296
Yxy	62.1762, 0.3120, 0.3432
Android (android.graphics.Color)	4291220166 (0xFFC6D2C6)
YUV	205.0440, -3.4727, -6.1776
Hunter-Lab	78.8519, -10.0357, 8.2271

Details

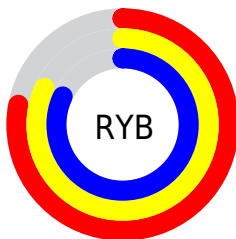
The Yxy color **62.1762, 0.3120, 0.3432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7257, 0.3134, 0.3152**, and the grayscale version is **61.1031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7198, 0.3118, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **58.6222, 0.3106, 0.3707**, and if you desaturate by 10%, it is **66.2640, 0.3132, 0.3192**.

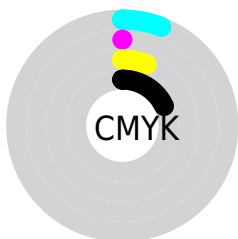
Distribution



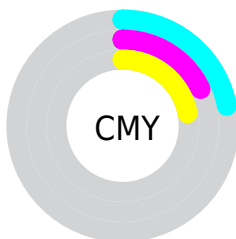
- Red (78%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1762, 0.3120, 0.3432 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 62.1762, 0.3120, 0.3432 by changing the saturation by 10% instead.

■ 62.1762, 0.3120,
0.3432

■ 62.1762, 0.3120,
0.3432

432.5735, 0.3124,
0.3364

■ 45.1751, 0.3119,
0.3448

107.9801, 0.3121,
0.3408

■ 31.5954, 0.3118,
0.3469

137.5518, 0.3122,
0.3399

■ 21.0526, 0.3116,
0.3495

172.0824, 0.3122,
0.3391

■ 13.1625, 0.3114,
0.3531

211.9563, 0.3123,
0.3384

■ 7.5405, 0.3110,
0.3582

257.5580, 0.3123,
0.3378

■ 3.8024, 0.3104,
0.3661

309.2718, 0.3123,

■ 1.5636, 0.3091,

0.3373

0.3797

367.4822, 0.3124,
0.3368

0.3329, 0.3004,
0.6136

0.0000, 0.0000,
0.0000

62.1762, 0.3120,
0.3432

62.1762, 0.3120,
0.3432

58.6222, 0.3106,
0.3707

66.2640, 0.3132,
0.3192

55.5726, 0.3091,
0.4016

70.8981, 0.3143,
0.2984

53.0069, 0.3074,
0.4353

74.5793, 0.3148,
0.2851

50.9002, 0.3057,
0.4709

■ 49.2254, 0.3040,
0.5063

■ 47.9528, 0.3025,
0.5390

■ 47.0485, 0.3013,
0.5664

■ 46.4733, 0.3005,
0.5860

■ 46.1792, 0.3001,
0.5968

Harmonies

Analogous

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



62.1762, 0.3217, 0.3462



62.1762, 0.3120, 0.3432



62.1762, 0.3026, 0.3362

Triad

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



62.1762, 0.3120, 0.3432



62.1762, 0.2965, 0.3136



62.1762, 0.3298, 0.3303

Complementary

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



62.1762, 0.3120, 0.3432



58.7257, 0.3134, 0.3152

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.



62.1762, 0.3228, 0.3219



62.1762, 0.3120, 0.3432



62.1762, 0.3036, 0.3124

Square

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



62.1762, 0.3120, 0.3432



62.1762, 0.2937, 0.3191



62.1762, 0.3132, 0.3154



62.1762, 0.3321, 0.3385

Rectangle

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



62.1762, 0.3120, 0.3432



62.1762, 0.2977, 0.3304



62.1762, 0.3132, 0.3154



62.1762, 0.3279, 0.3274

Sweetspot

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



62.1789, 0.3120, 0.3432



98.7232, 0.3125, 0.3339



63.8783, 0.3211, 0.3429



21.1442, 0.3125, 0.3336



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.



62.1789, 0.3120, 0.3432



95.6794, 0.3118, 0.3467



62.4593, 0.3079, 0.3361



13.3574, 0.3118, 0.3479



28.1182, 0.2999, 0.5996



1.5726, 0.2995, 0.5983

Inverse Universe

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



58.7257, 0.3134, 0.3152



89.1289, 0.3136, 0.3119



58.4343, 0.3178, 0.3220



12.3855, 0.3136, 0.3108



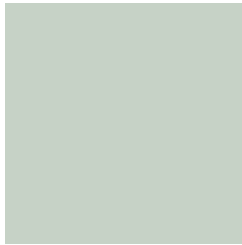
11.1613, 0.3223, 0.1549



0.6244, 0.3220, 0.1548

Previews

White Background



This preview shows how the Yxy color 62.1762, 0.3120, 0.3432 looks on a white background.

Color Contrast Check

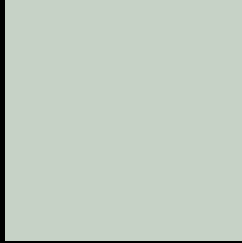
Large Text (above 18pt) WCAG AA × Fail

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 62.1762, 0.3120, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

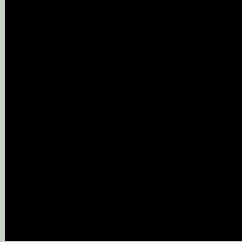
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

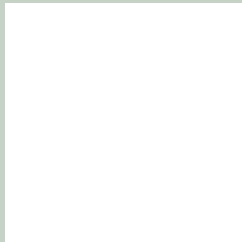
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1762, 0.3120, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 62.1762, 0.3120, 0.3432.



This preview shows how white text looks on a background with the Yxy color 62.1762, 0.3120, 0.3432.

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

62.1762, 0.3120, 0.3432

Protanopia

62.2743, 0.3253, 0.3406

Deuteranopia

62.1367, 0.3357, 0.3291



Tritanopia

62.0269, 0.2981, 0.3095

Trichromacy



Original Color

62.1762, 0.3120, 0.3432

Protanomaly

62.0668, 0.3206, 0.3407

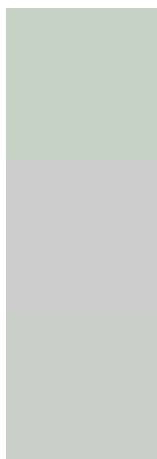
Deuteranomaly

62.2147, 0.3272, 0.3347

Tritanomaly

61.8982, 0.3034, 0.3209

Monochromacy



Original Color

62.1762, 0.3120, 0.3432

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4465, 0.3124, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1762, 0.3120, 0.3432 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(198, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 198)  
}
```

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(198, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 198) }
```

Border

The CSS property to change the border of an element to Yxy 62.1762, 0.3120, 0.3432 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(198, 210, 198) }
```

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

```
.border{ border-color:rgb(198, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1762, 0.3120, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 198) }
```

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

```
.background{ background-color: rgb(198,  
210, 198) }
```

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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