

Converting Colors

XYZ(61.1372, 63.3850, 88.0846)

Have a look what the booklet for
XYZ(61.1372, 63.3850, 88.0846)
contains.

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Color

**XYZ(60.9849, 63.1736,
88.3364)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D0EC
RGB	198, 208, 236
RGB Percent	78%, 82%, 93%
CMY	0.2235, 0.1843, 0.0745
CMYK	0.16, 0.12, 0.00, 0.07
HSL	224°, 50%, 85%
HSV	224°, 16%, 93%
XYZ	60.9849, 63.1736, 88.3364
YIQ	208.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

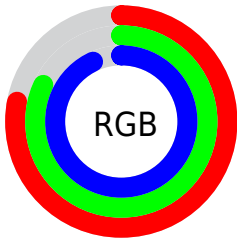
Format	Color
R _Y B	198, 206, 236
Decimal	13029612
CIE Lab	83.53, 2.23, -14.92
CIE LCh	84, 15.089, 278.491
Yxy	63.1736, 0.2870, 0.2973
Android (android.graphics.Color)	4291219692 (0xFFC6D0EC)
YUV	208.2020, 13.7044, -8.9472
Hunter-Lab	79.4818, -2.1335, -10.2579

Details

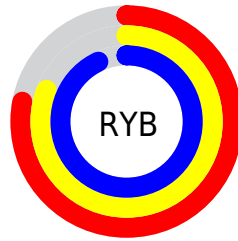
The XYZ color **60.9849, 63.1736, 88.3364** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.9820, 76.3028, 64.3616**, and the grayscale version is **60.0076, 63.1326, 68.7515**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2954, 32.3358, 47.7720** is the 20% darker color. If you saturate the color by 10%, you get **51.2331, 52.1956, 86.7324**, and if you desaturate by 10%, it is **72.1746, 75.5861, 90.1435**.

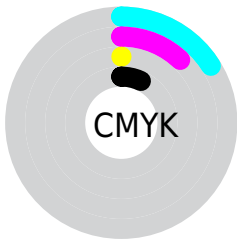
Distribution



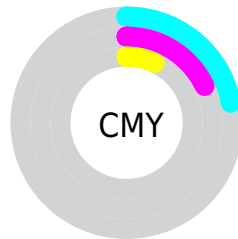
- Red (78%)
- Green (82%)
- Blue (93%)



- Red (78%)
- Yellow (81%)
- Blue (93%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9849, 63.1736, 88.3364 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 XYZ color 60.9849, 63.1736, 88.3364 by changing the saturation by 10% instead.

■ 60.9849, 63.1736,
88.3364

■ 60.9849, 63.1736,
88.3364

417.9954,
436.1992, 543.0341

■ 44.4655, 45.9817,
66.0358

105.3553,
109.4199, 146.9407

■ 31.2361, 32.2314,
47.8448

133.9370,
139.2431, 184.0814

■ 20.9314, 21.5383,
33.3449

167.2702,
174.0455, 227.0059

■ 13.1860, 13.5180,
22.1175

205.7202,
214.2115, 276.1327

■ 7.6347, 7.7862,
13.7441

249.6523,
260.1254, 331.8804

■ 3.9119, 3.9585,
7.8062

299.4320,

■ 1.6524, 1.6504,

312.1718, 394.6675

3.8852

355.4246,
370.7349, 464.9125

■ 0.4262, 0.3912,
1.5626

■ 0.0000, 0.0000,
0.2639

■ 60.9849, 63.1736,
88.3364

■ 60.9849, 63.1736,
88.3364

■ 51.2331, 52.1956,
86.7324

■ 72.1746, 75.5861,
90.1435

■ 42.8537, 42.5913,
85.3203

■ 84.8525, 89.4752,
92.1562

■ 35.7847, 34.3070,
84.0938

■ 92.1405, 98.8362,
93.5789

■ 29.9568, 27.2824,
83.0451

■ 25.2940, 21.4520,
82.1654

■ 21.7117, 16.7440,
81.4455

■ 19.1122, 13.0778,
80.8749

■ 17.3776, 10.3594,
80.4416

■ 16.8697, 9.5145,
80.3053

Harmonies

Analogous

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



57.7515, 63.1736, 87.0844



60.9849, 63.1736, 88.3364



64.0746, 63.1736, 83.9867

Triad

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



60.9849, 63.1736, 88.3364



65.1412, 63.1736, 58.0993



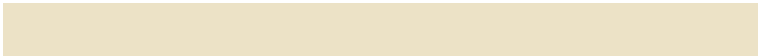
54.3412, 63.1736, 62.3449

Complementary

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



60.9849, 63.1736, 88.3364



71.9820, 76.3028, 64.3616

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.



56.1872, 63.1736, 55.5387



60.9849, 63.1736, 88.3364



62.3976, 63.1736, 53.2480

Square

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



60.9849, 63.1736, 88.3364



66.5311, 63.1736, 66.1410



59.1140, 63.1736, 52.3554



53.9941, 63.1736, 71.4992

Rectangle

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



60.9849, 63.1736, 88.3364



65.6095, 63.1736, 78.7105



59.1140, 63.1736, 52.3554



54.8037, 63.1736, 59.7316

Sweetspot

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



60.9868, 63.1762, 88.3378



87.5899, 91.8136, 107.7131



66.9946, 77.4816, 83.2813



18.5312, 19.4133, 23.0204



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.9868, 63.1762, 88.3378



69.0672, 71.2419, 104.7186



61.0306, 59.6920, 87.6630



14.5536, 15.1937, 19.0879



9.3885, 5.4241, 44.2951



0.8137, 0.5788, 3.5037

Inverse Universe

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



66.1729, 62.7766, 68.3068



76.2701, 70.7983, 76.8727



71.9103, 80.4219, 65.1604



15.2282, 15.1191, 16.4872



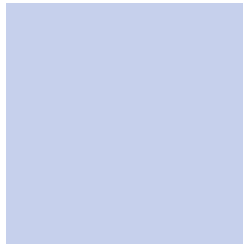
19.5942, 10.0404, 3.6644



1.5772, 0.8038, 0.4909

Previews

White Background



This preview shows how the XYZ color 60.9849, 63.1736, 88.3364 looks on a white background.

Color Contrast Check

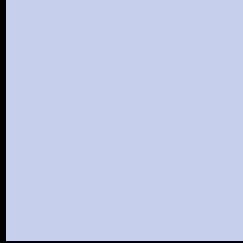
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.9849, 63.1736, 88.3364 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](#).

XYZ 60.9849, 63.1736, 88.3364

Background



This preview shows how black text looks on a background with the XYZ color 60.9849, 63.1736, 88.3364.

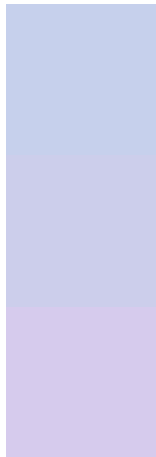


This preview shows how white text looks on a background with the XYZ color 60.9849, 63.1736,

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

60.9849, 63.1736, 88.3364

Protanopia

61.9685, 62.9781, 87.4872

Deuteranopia

64.3736, 63.1224, 88.9118



Tritanopia

59.5390, 63.3199, 81.0354

Trichromacy



Original Color

60.9849, 63.1736, 88.3364

Protanomaly

61.6653, 63.1804, 87.5422

Deuteranomaly

63.1298, 63.1870, 88.9898

Tritanomaly

60.1093, 63.1844, 83.8906

Monochromacy



Original Color

60.9849, 63.1736, 88.3364

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.1126, 63.0111, 75.3237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9849, 63.1736, 88.3364 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, 208, 236)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 236)  
}
```

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, 208, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 236) }
```

Border

The CSS property to change the border of an element to XYZ 60.9849, 63.1736, 88.3364 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, 208, 236) }
```


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

```
.border{ border-color:rgb(198, 208, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 236);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9849, 63.1736, 88.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 236) }
```

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

```
.background{ background-color: rgb(198,  
208, 236) }
```

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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