

Converting Colors

XYZ(60.3813, 64.2180, 82.7763)

Have a look what the booklet for
XYZ(60.3813, 64.2180, 82.7763)
contains.

XYZ(60.3238, 64.0603, 82.5843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.3238, 64.0603,
82.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D3E4
RGB	197, 211, 228
RGB Percent	77%, 83%, 89%
CMY	0.2274, 0.1725, 0.1059
CMYK	0.14, 0.07, 0.00, 0.11
HSL	213°, 36%, 83%
HSV	213°, 14%, 89%
XYZ	60.3238, 64.0603, 82.5843
YIQ	208.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

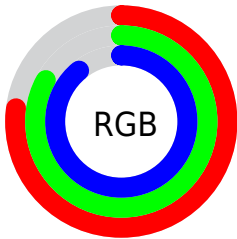
Format	Color
R_{YB}	197, 207, 228
Decimal	12964836
CIE _{Lab}	84.00, -1.33, -9.98
CIE _{LCh}	84, 10.073, 262.390
Yxy	64.0603, 0.2915, 0.3095
Android (android.graphics.Color)	4291154916 (0xFFC5D3E4)
YUV	208.7520, 9.4893, -10.3065
Hunter-Lab	80.0377, -5.5318, -5.1501

Details

The XYZ color **60.3238, 64.0603, 82.5843** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1199, 68.6180, 62.5842**, and the grayscale version is **60.3909, 63.5359, 69.1906**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.9275, 32.9707, 44.2691** is the 20% darker color. If you saturate the color by 10%, you get **51.8137, 55.2422, 81.3318**, and if you desaturate by 10%, it is **69.9822, 73.8324, 83.9625**.

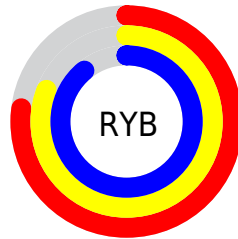
Distribution



Red (77%)

Green (83%)

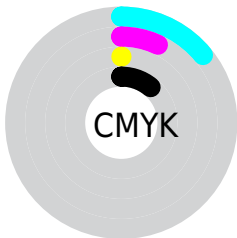
Blue (89%)



Red (77%)

Yellow (81%)

Blue (89%)

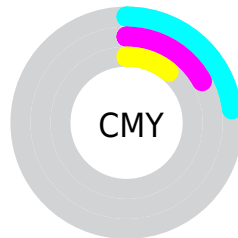


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3238, 64.0603, 82.5843 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 60.3238, 64.0603, 82.5843 by changing the saturation by 10% instead.

■ 60.3238, 64.0603,
82.5843

■ 60.3238, 64.0603,
82.5843

415.6059,
439.4074, 523.5347

■ 43.9301, 46.6995,
61.3087

104.4029,
110.6978, 138.8371

■ 30.8133, 32.7982,
44.0421

132.8191,
140.7433, 174.6514

■ 20.6078, 21.9719,
30.3662

165.9734,
175.7857, 216.1489

■ 12.9485, 13.8362,
19.8623

204.2314,
216.2097, 263.7482

■ 7.4698, 8.0069,
12.1119

247.9582,
262.3994, 317.8680

■ 3.8065, 4.0993,
6.6965

297.5194,

■ 1.5933, 1.7293,

314.7393, 378.9266

3.1975

353.2801,
373.6138, 447.3427

■ 0.3880, 0.4425,
1.1963

■ 0.0000, 0.0000,
0.0000

■ 60.3238, 64.0603,
82.5843

■ 60.3238, 64.0603,
82.5843

■ 51.8137, 55.2422,
81.3318

■ 69.9822, 73.8324,
83.9625

■ 44.4004, 47.3382,
80.1969

■ 80.8263, 84.5804,
85.4655

■ 38.0365, 40.3173,
79.1771

■ 88.9676, 94.3092,
86.9142

■ 32.6690, 34.1433,
78.2683

■ 91.0038, 98.3815,
87.5930

■ 28.2395, 28.7773,
77.4660

■ 24.6833, 24.1762,
76.7654

■ 21.9260, 20.2918,
76.1609

■ 19.8783, 17.0677,
75.6465

■ 18.8531, 15.3001,
75.3594

Harmonies

Analogous

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



58.3191, 64.0603, 79.8911



60.3238, 64.0603, 82.5843



62.5280, 64.0603, 81.6767

Triad

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



60.3238, 64.0603, 82.5843



64.9204, 64.0603, 65.1967



57.5679, 64.0603, 62.5524

Complementary

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



60.3238, 64.0603, 82.5843



66.1199, 68.6180, 62.5842

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.



59.2758, 64.0603, 59.0462



60.3238, 64.0603, 82.5843



63.5300, 64.0603, 60.5070

Square

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



60.3238, 64.0603, 82.5843



65.2175, 64.0603, 71.3824



61.4545, 64.0603, 58.3208



56.7533, 64.0603, 68.1442

Rectangle

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



60.3238, 64.0603, 82.5843



63.8110, 64.0603, 79.1758



61.4545, 64.0603, 58.3208



58.0545, 64.0603, 61.1051

Sweetspot

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



60.3257, 64.0630, 82.5857



89.6382, 94.6000, 108.1429



62.8486, 72.1895, 73.9289



18.9744, 20.0358, 23.1172



0.0000, 0.0000, 0.0000



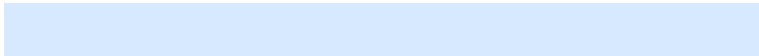
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3257, 64.0630, 82.5857



74.8742, 79.6146, 106.0286



57.2685, 57.5455, 81.4889



14.1163, 14.9540, 18.2867



11.0012, 9.0645, 43.5530



0.9047, 0.8533, 3.2490

Inverse Universe

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



63.7205, 61.1310, 70.0721



79.9923, 75.3165, 87.1352



69.4906, 75.8446, 63.8014



14.6463, 14.4757, 16.3377



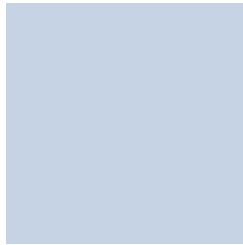
19.9464, 10.1128, 8.6127



1.5203, 0.7658, 0.8803

Previews

White Background



This preview shows how the XYZ color 60.3238, 64.0603, 82.5843 looks on a white background.

Color Contrast Check

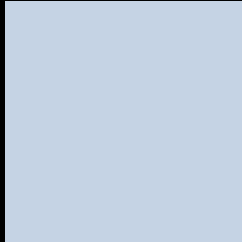
Large Text (above 18pt) WCAG AA × Fail

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 60.3238, 64.0603, 82.5843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

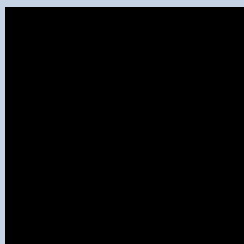
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

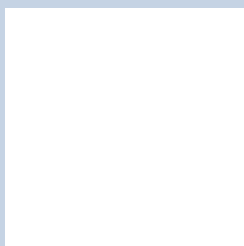
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3238, 64.0603, 82.5843

Background



This preview shows how black text looks on a background with the XYZ color 60.3238, 64.0603, 82.5843.



This preview shows how white text looks on a background with the XYZ color 60.3238, 64.0603,

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

60.3238, 64.0603, 82.5843

Protanopia

62.2958, 64.0126, 81.0238

Deuteranopia

65.1541, 63.6407, 83.7128



Tritanopia

60.3238, 64.0603, 82.5843

Trichromacy



Original Color

60.3238, 64.0603, 82.5843

Protanomaly

61.5674, 63.9843, 81.7783

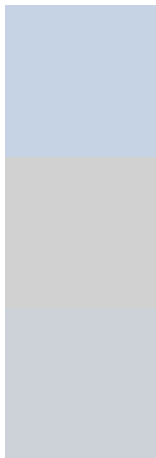
Deuteranomaly

63.3655, 63.7968, 83.1030

Tritanomaly

60.3238, 64.0603, 82.5843

Monochromacy



Original Color

60.3238, 64.0603, 82.5843

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6181, 64.0302, 74.1299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3238, 64.0603, 82.5843 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(197, 211, 228)` looks like.

```
.text, #text, p{  
    color:rgb(197, 211, 228)  
}
```

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(197, 211, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 211, 228) }
```

Border

The CSS property to change the border of an element to XYZ 60.3238, 64.0603, 82.5843 is called "border". The border property can be set on classes, ids or directly on the HTML element.

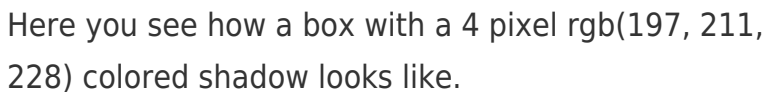
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 211, 228) }
```


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

```
.border{ border-color:rgb(197, 211, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 211, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 211, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 211, 228); box-shadow:4px 4px 4px 4px rgb(197, 211, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3238, 64.0603, 82.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 211, 228) }
```

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

```
.background{ background-color: rgb(197,  
211, 228) }
```

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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