

Converting Colors

XYZ(58.8111, 61.2015, 73.5230)

Have a look what the booklet for
XYZ(58.8111, 61.2015, 73.5230)
contains.

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Color

**XYZ(58.8546, 61.3170,
73.6991)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCDD8
RGB	203, 205, 216
RGB Percent	80%, 80%, 85%
CMY	0.2039, 0.1961, 0.1529
CMYK	0.06, 0.05, 0.00, 0.15
HSL	231°, 14%, 82%
HSV	231°, 6%, 85%
XYZ	58.8546, 61.3170, 73.6991
YIQ	205.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

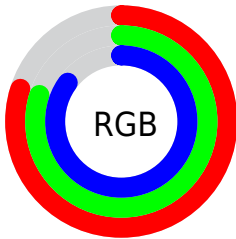
Format	Color
R_{YB}	203, 205, 216
Decimal	13356504
CIE _{Lab}	82.55, 1.39, -5.69
CIE _{LCh}	83, 5.858, 283.741
Yxy	61.3170, 0.3036, 0.3163
Android (android.graphics.Color)	4291546584 (0xFFCBCDD8)
YUV	205.6560, 5.0996, -2.3293
Hunter-Lab	78.3052, -2.8725, -0.9888

Details

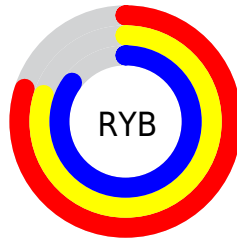
The XYZ color **58.8546, 61.3170, 73.6991** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1452, 67.0033, 66.1059**, and the grayscale version is **58.4184, 61.4607, 66.9308**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8941, 31.0960, 38.1448** is the 20% darker color. If you saturate the color by 10%, you get **49.2589, 50.2577, 72.0711**, and if you desaturate by 10%, it is **69.7839, 73.8249, 75.5383**.

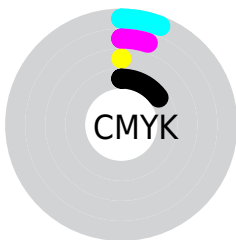
Distribution



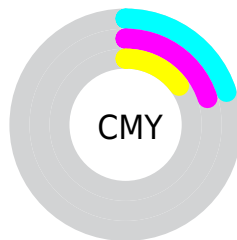
- Red (80%)
- Green (80%)
- Blue (85%)



- Red (80%)
- Yellow (80%)
- Blue (85%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8546, 61.3170, 73.6991 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 58.8546, 61.3170, 73.6991 by changing the saturation by 10% instead.

■ 58.8546, 61.3170,
73.6991

■ 58.8546, 61.3170,
73.6991

410.2656,
429.4354, 492.5698

■ 42.7420, 44.4810,
54.0525

102.2821,
106.7378, 126.1993

■ 29.8764, 31.0489,
38.2502

130.3278,
136.0914, 159.8899

■ 19.8924, 20.6361,
25.8736

163.0819,
170.3864, 199.0990

■ 12.4246, 12.8582,
16.5042

200.9097,
210.0071, 244.2451

■ 7.1078, 7.3310,
9.7234

244.1766,
255.3380, 295.7466

■ 3.5766, 3.6700,
5.1128

293.2480,

■ 1.4655, 1.4907,

306.7634, 354.0222

2.2537

348.4892,
364.6677, 419.4905

■ 0.3022, 0.2822,
0.7051

■ 0.0000, 0.0000,
0.0000

■ 58.8546, 61.3170,
73.6991

■ 58.8546, 61.3170,
73.6991

■ 49.2589, 50.2577,
72.0711

■ 69.7839, 73.8249,
75.5383

■ 40.9402, 40.5868,
70.6429

■ 82.0898, 87.8233,
77.5916

■ 33.8459, 32.2514,
69.4079

■ 89.3948, 97.7379,
79.1203

■ 27.9175, 25.1922,
68.3578

■ 23.0916, 19.3455,
67.4836

■ 19.2988, 14.6418,
66.7756

■ 16.4617, 11.0046,
66.2231

■ 14.4913, 8.3473,
65.8141

■ 13.2802, 6.5688,
65.5346

Harmonies

Analogous

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



57.6074, 61.3170, 73.6152



58.8546, 61.3170, 73.6991



59.9631, 61.3170, 71.8784

Triad

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



58.8546, 61.3170, 73.6991



60.0395, 61.3170, 62.1021



55.9956, 61.3170, 64.8489

Complementary

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



58.8546, 61.3170, 73.6991



63.1452, 67.0033, 66.1059

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.



56.6287, 61.3170, 61.8978



58.8546, 61.3170, 73.6991



58.9577, 61.3170, 60.3512

Square

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



58.8546, 61.3170, 73.6991



60.6538, 61.3170, 65.1369



57.7091, 61.3170, 60.2778



55.9689, 61.3170, 68.4176

Rectangle

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



58.8546, 61.3170, 73.6991



60.4693, 61.3170, 69.8660



57.7091, 61.3170, 60.2778



56.1442, 61.3170, 63.7548

Sweetspot

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



58.8564, 61.3196, 73.7004



91.8376, 96.3237, 108.3597



61.3018, 66.6558, 73.1426



19.6907, 20.6558, 23.1991



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.



58.8564, 61.3196, 73.7004



84.1559, 87.5118, 107.0637



59.5770, 60.9843, 73.5978



12.2967, 12.7760, 15.7554



7.7130, 3.6878, 38.7585



0.5150, 0.3220, 2.3543

Inverse Universe

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



60.6957, 61.7198, 66.4747



87.2810, 88.2006, 94.7847



62.3917, 67.3721, 66.2167



12.7862, 12.8845, 13.8322



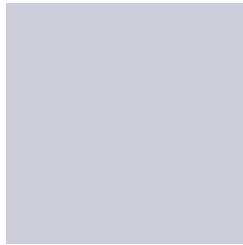
16.9520, 8.7171, 1.7855



1.0476, 0.5358, 0.2400

Previews

White Background



This preview shows how the XYZ color 58.8546, 61.3170, 73.6991 looks on a white background.

Color Contrast Check

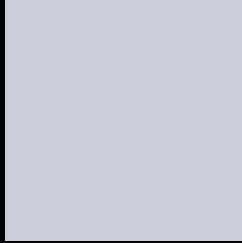
Large Text (above 18pt) WCAG AA × Fail

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 58.8546, 61.3170, 73.6991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

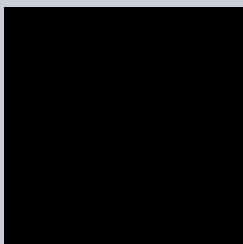
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

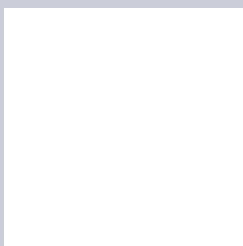
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8546, 61.3170, 73.6991

Background



This preview shows how black text looks on a background with the XYZ color 58.8546, 61.3170, 73.6991.

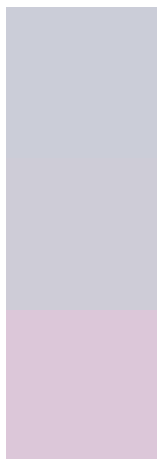


This preview shows how white text looks on a background with the XYZ color 58.8546, 61.3170,

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

58.8546, 61.3170, 73.6991

Protanopia

59.3122, 61.2138, 72.9793

Deuteranopia

62.4630, 61.0722, 74.1416



Tritanopia

59.4130, 61.1904, 76.3897

Trichromacy



Original Color

58.8546, 61.3170, 73.6991

Protanomaly

59.0354, 61.0712, 72.9664

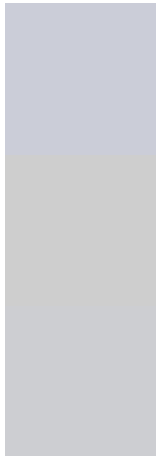
Deuteranomaly

61.1426, 61.0792, 74.2125

Tritanomaly

59.2809, 61.1376, 75.6941

Monochromacy



Original Color

58.8546, 61.3170, 73.6991

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8810, 61.7749, 69.7932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8546, 61.3170, 73.6991 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(203, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 216)  
}
```

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(203, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.8546, 61.3170, 73.6991 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(203, 205, 216) }
```


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

```
.border{ border-color:rgb(203, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8546, 61.3170, 73.6991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 216) }
```

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

```
.background{ background-color: rgb(203,  
205, 216) }
```

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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