

Converting Colors

XYZ(58.1409, 64.0473, 71.3722)

Have a look what the booklet for
XYZ(58.1409, 64.0473, 71.3722)
contains.

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Color

**XYZ(58.1836, 63.9441,
71.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5D4
RGB	195, 213, 212
RGB Percent	76%, 84%, 83%
CMY	0.2353, 0.1647, 0.1686
CMYK	0.08, 0.00, 0.00, 0.16
HSL	177°, 18%, 80%
HSV	177°, 8%, 84%
XYZ	58.1836, 63.9441, 71.5632
YIQ	207.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

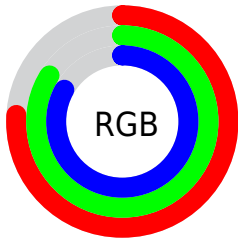
Format	Color
RYB	195, 204, 213
Decimal	12834260
CIELab	83.94, -6.22, -1.58
CIELCh	84, 6.415, 194.303
Yxy	63.9441, 0.3004, 0.3301
Android (android.graphics.Color)	4291024340 (0xFFC3D5D4)
YUV	207.5040, 2.2165, -10.9660
Hunter-Lab	79.9651, -10.0600, 2.9151

Details

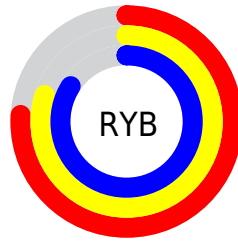
The XYZ color **58.1836, 63.9441, 71.5632** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9218, 57.1636, 60.2611**, and the grayscale version is **59.6258, 62.7309, 68.3140**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.2972, 32.5508, 36.6371** is the 20% darker color. If you saturate the color by 10%, you get **52.9191, 61.2492, 70.5392**, and if you desaturate by 10%, it is **64.2379, 67.0496, 72.6325**.

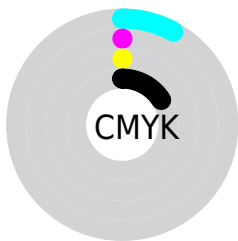
Distribution



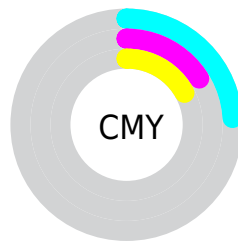
- Red (76%)
- Green (84%)
- Blue (83%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1836, 63.9441, 71.5632 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 58.1836, 63.9441, 71.5632 by changing the saturation by 10% instead.

■ 58.1836, 63.9441,
71.5632

■ 58.1836, 63.9441,
71.5632

407.8126,
438.9877, 484.9564

■ 42.2001, 46.6054,
52.3173

■ 101.3116,
110.5304, 123.1372

■ 29.4498, 32.7238,
36.8741

129.1868,
140.5468, 156.3025

■ 19.5673, 21.9150,
24.8150

161.7567,
175.5580, 194.9445

■ 12.1874, 13.7944,
15.7215

199.3865,
215.9482, 239.4820

■ 6.9445, 7.9778,
9.1751

242.4416,
262.1018, 290.3333

■ 3.4734, 4.0808,
4.7572

291.2874,

■ 1.4088, 1.7188,

314.4034, 347.9172

2.0493

346.2893,
373.2372, 412.6520

■ 0.2625, 0.4358,
0.5853

■ 0.0000, 0.0000,
0.0000

■ 58.1836, 63.9441,
71.5632

■ 58.1836, 63.9441,
71.5632

■ 52.9191, 61.2492,
70.5392

■ 64.2379, 67.0496,
72.6325

■ 48.4060, 58.9396,
69.5548

■ 71.1077, 70.5736,
73.7445

■ 44.6105, 57.0000,
68.6098

■ 77.3737, 73.7862,
74.8339

■ 41.4944, 55.4105,
67.7022

■ 77.5273, 73.8477,
75.6431

■ 39.0160, 54.1495,
66.8302

■ 77.6821, 73.9096,
76.4581

■ 37.1287, 53.1932,
65.9915

■ 77.8380, 73.9719,
77.2790

■ 35.7798, 52.5143,
65.1837

■ 77.9950, 74.0347,
78.1057

■ 34.9071, 52.0807,
64.4038

■ 78.1531, 74.0980,
78.9384

■ 34.4168, 51.8442,
63.6475

■ 78.3123, 74.1617,
79.7769

Harmonies

Analogous

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



58.2002, 63.9441, 67.5415



58.1836, 63.9441, 71.5632



58.8544, 63.9441, 75.1982

Triad

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



58.1836, 63.9441, 71.5632



62.6933, 63.9441, 75.3391



61.5145, 63.9441, 62.4029

Complementary

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



58.1836, 63.9441, 71.5632



56.9218, 57.1636, 60.2611

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.



62.7409, 63.9441, 64.3328



58.1836, 63.9441, 71.5632



63.4287, 63.9441, 71.7494

Square

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



58.1836, 63.9441, 71.5632



61.4503, 63.9441, 77.4347



63.4462, 63.9441, 67.7207



60.1086, 63.9441, 62.3575

Rectangle

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



58.1836, 63.9441, 71.5632



59.6072, 63.9441, 76.8693



63.4462, 63.9441, 67.7207



61.9619, 63.9441, 62.8493

Sweetspot

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



58.1854, 63.9468, 71.5646



92.2228, 98.5504, 108.4098



56.4635, 63.2940, 60.8718



19.5818, 21.0130, 23.1763



0.0000, 0.0000, 0.0000



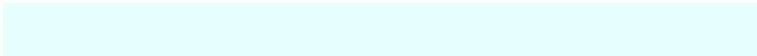
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1854, 63.9468, 71.5646



86.0549, 95.3892, 107.2891



56.3970, 60.1667, 71.5949



12.7609, 14.0954, 15.8214



20.9966, 31.6540, 38.8735



1.2757, 1.9129, 2.3938

Inverse Universe

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



56.9218, 57.1636, 60.2611



83.8105, 83.3408, 87.2120



58.6019, 60.7060, 60.2595



12.4510, 12.4319, 13.0494



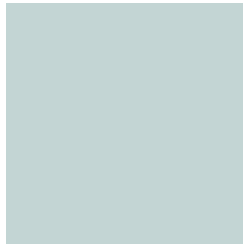
16.8141, 8.6620, 1.0591



1.0242, 0.5265, 0.1170

Previews

White Background



This preview shows how the XYZ color 58.1836, 63.9441, 71.5632 looks on a white background.

Color Contrast Check

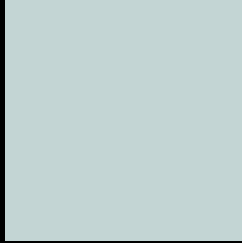
Large Text (above 18pt) WCAG AA × Fail

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 58.1836, 63.9441, 71.5632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

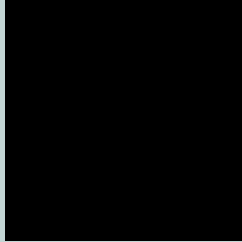
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

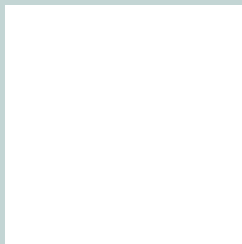
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1836, 63.9441, 71.5632

Background



This preview shows how black text looks on a background with the XYZ color 58.1836, 63.9441, 71.5632.



This preview shows how white text looks on a background with the XYZ color 58.1836, 63.9441,

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

58.1836, 63.9441, 71.5632

Protanopia

61.5051, 63.8613, 69.4064

Deuteranopia

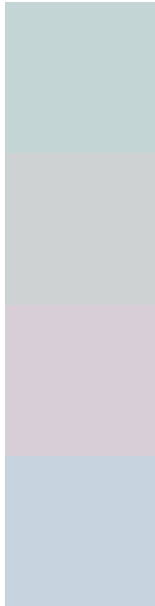
65.1721, 63.8978, 72.5169



Tritanopia

60.4481, 64.1403, 81.8674

Trichromacy



Original Color

58.1836, 63.9441, 71.5632

Protanomaly

60.1331, 63.8681, 70.1312

Deuteranomaly

62.3474, 63.8768, 71.9942

Tritanomaly

59.7543, 64.2312, 78.3557

Monochromacy



Original Color

58.1836, 63.9441, 71.5632

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.1838, 63.3931, 69.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1836, 63.9441, 71.5632 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(195, 213, 212) looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 212)  
}
```

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(195, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.1836, 63.9441, 71.5632 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(195, 213, 212) }
```


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

```
.border{ border-color:rgb(195, 213, 212) }
```

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

Here you see how a box with a 4 pixel rgb(195, 213, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1836, 63.9441, 71.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 212) }
```

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

```
.background{ background-color: rgb(195,  
213, 212) }
```

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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