

Converting Colors

XYZ(59.2986, 63.6717, 71.3877)

Have a look what the booklet for
XYZ(59.2986, 63.6717, 71.3877)
contains.

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Color

**XYZ(59.2653, 63.7595,
71.4706)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D3D4
RGB	201, 211, 212
RGB Percent	79%, 83%, 83%
CMY	0.2118, 0.1725, 0.1686
CMYK	0.05, 0.00, 0.00, 0.17
HSL	185°, 11%, 81%
HSV	185°, 5%, 83%
XYZ	59.2653, 63.7595, 71.4706
YIQ	208.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

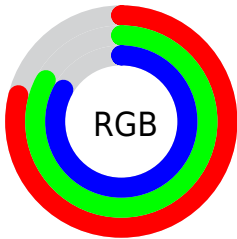
Format	Color
R_{YB}	201, 206, 212
Decimal	13226964
CIE Lab	83.84, -3.19, -1.68
CIE LCh	84, 3.600, 207.741
Yxy	63.7595, 0.3047, 0.3278
Android (android.graphics.Color)	4291417044 (0xFFC9D3D4)
YUV	208.1240, 1.9109, -6.2477
Hunter-Lab	79.8495, -7.2518, 2.8262

Details

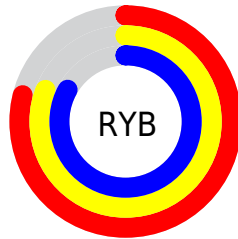
The XYZ color **59.2653, 63.7595, 71.4706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8147, 60.4546, 63.8283**, and the grayscale version is **60.0270, 63.1531, 68.7737**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1754, 32.7513, 36.6295** is the 20% darker color. If you saturate the color by 10%, you get **53.4811, 60.0752, 71.0653**, and if you desaturate by 10%, it is **65.8454, 67.8661, 71.9174**.

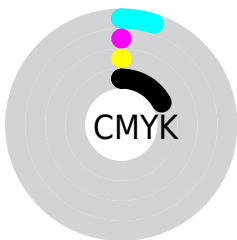
Distribution



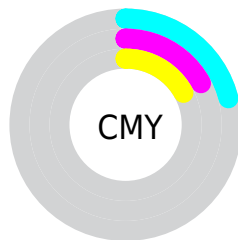
- Red (79%)
- Green (83%)
- Blue (83%)



- Red (79%)
- Yellow (81%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2653, 63.7595, 71.4706 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 59.2653, 63.7595, 71.4706 by changing the saturation by 10% instead.

■ 59.2653, 63.7595,
71.4706

■ 59.2653, 63.7595,
71.4706

411.7626,
438.3206, 484.6248

■ 43.0739, 46.4559,
52.2421

102.8756,
110.2645, 123.0043

■ 30.1379, 32.6057,
36.8145

131.0252,
140.2347, 156.1466

■ 20.0919, 21.8246,
24.7693

163.8916,
175.1959, 194.7639

■ 12.5705, 13.7281,
15.6878

201.8401,
215.5325, 239.2748

■ 7.2084, 7.9318,
9.1515

245.2361,
261.6289, 290.0978

■ 3.6403, 4.0513,
4.7420

294.4449,

■ 1.5007, 1.7023,

313.8694, 347.6514

2.0406

349.8320,
372.6385, 412.3542

■ 0.3263, 0.4252,
0.5801

■ 0.0000, 0.0000,
0.0000

■ 59.2653, 63.7595,
71.4706

■ 59.2653, 63.7595,
71.4706

■ 53.4811, 60.0752,
71.0653

■ 65.8454, 67.8661,
71.9174

■ 48.4553, 56.7885,
70.6958

■ 73.2462, 72.4026,
72.4030

■ 44.1556, 53.8845,
70.3619

■ 77.8768, 75.5194,
72.7605

■ 40.5450, 51.3442,
70.0619

■ 78.3741, 76.5141,
72.9263

■ 37.5834, 49.1468,
69.7938

■ 78.8772, 77.5203,
73.0940

■ 35.2265, 47.2695,
69.5557

■ 79.3861, 78.5381,
73.2636

■ 33.4245, 45.6864,
69.3451

■ 79.9009, 79.5675,
73.4352

■ 32.1194, 44.3679,
69.1594

■ 80.4214, 80.6086,
73.6087

■ 31.2404, 43.2772,
68.9952

■ 80.9478, 81.6615,
73.7842

Harmonies

Analogous

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



59.0944, 63.7595, 69.2517



59.2653, 63.7595, 71.4706



59.7933, 63.7595, 73.1723

Triad

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



59.2653, 63.7595, 71.4706



61.8968, 63.7595, 71.7743



60.6615, 63.7595, 65.1611

Complementary

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



59.2653, 63.7595, 71.4706



58.8147, 60.4546, 63.8283

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.



61.4169, 63.7595, 65.8045



59.2653, 63.7595, 71.4706



62.1340, 63.7595, 69.5951

Square

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



59.2653, 63.7595, 71.4706



61.3122, 63.7595, 73.3503



61.9576, 63.7595, 67.4154



59.8963, 63.7595, 65.6390

Rectangle

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



59.2653, 63.7595, 71.4706



60.2791, 63.7595, 73.7674



61.9576, 63.7595, 67.4154



60.9250, 63.7595, 65.2531

Sweetspot

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



59.2671, 63.7622, 71.4720



93.0513, 98.7510, 108.7643



58.2826, 63.7658, 65.0625



19.9377, 21.1499, 23.2815



0.0000, 0.0000, 0.0000



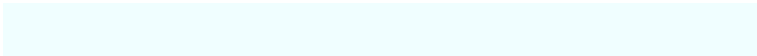
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2671, 63.7622, 71.4720



89.2028, 96.3315, 108.5001



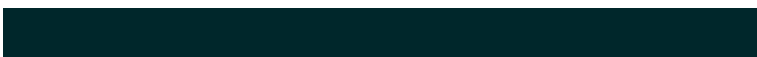
57.9431, 61.1142, 71.0307



13.0683, 14.1454, 15.9791



19.1194, 26.5006, 42.5606



1.1820, 1.6559, 2.5766

Inverse Universe

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



59.7973, 60.4746, 70.1523



90.1394, 90.5347, 106.1660



60.1089, 63.0429, 64.2597



13.2181, 13.2198, 15.6057



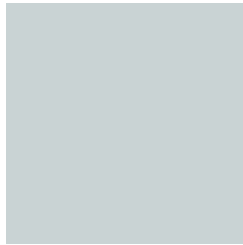
22.7095, 11.0201, 32.1037



1.3842, 0.6705, 2.0128

Previews

White Background



This preview shows how the XYZ color 59.2653, 63.7595, 71.4706 looks on a white background.

Color Contrast Check

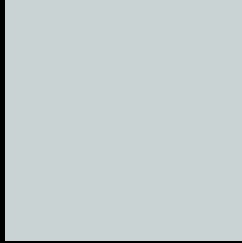
Large Text (above 18pt) WCAG AA × Fail

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 59.2653, 63.7595, 71.4706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

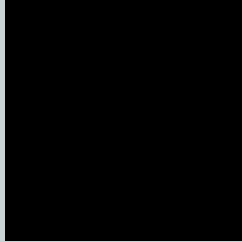
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

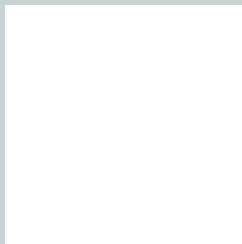
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2653, 63.7595, 71.4706

Background



This preview shows how black text looks on a background with the XYZ color 59.2653, 63.7595, 71.4706.

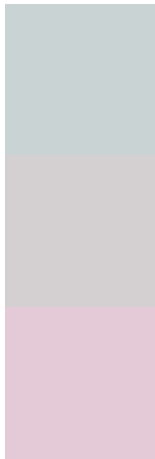


This preview shows how white text looks on a background with the XYZ color 59.2653, 63.7595,

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

59.2653, 63.7595, 71.4706

Protanopia

61.3401, 63.7619, 70.0471

Deuteranopia

64.9367, 63.4270, 72.4384



Tritanopia

61.0197, 63.7337, 80.3199

Trichromacy



Original Color

59.2653, 63.7595, 71.4706

Protanomaly

60.5708, 63.7140, 70.7336

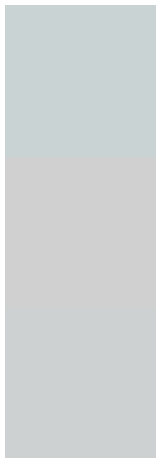
Deuteranomaly

62.7550, 63.3722, 71.8753

Tritanomaly

60.3220, 63.8171, 76.8488

Monochromacy



Original Color

59.2653, 63.7595, 71.4706

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4859, 63.1835, 69.3820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2653, 63.7595, 71.4706 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(201, 211, 212) looks like.

```
.text, #text, p{  
    color:rgb(201, 211, 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(201, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 211, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.2653, 63.7595, 71.4706 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(201, 211, 212) }
```


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

```
.border{ border-color:rgb(201, 211, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 211,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2653, 63.7595, 71.4706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 211, 212) }
```

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

```
.background{ background-color: rgb(201,  
211, 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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