

Converting Colors

XYZ(59.8631, 63.9081, 72.2652)

Have a look what the booklet for
XYZ(59.8631, 63.9081, 72.2652)
contains.

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Color

**XYZ(59.9331, 64.0891,
72.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBD3D5</code>
RGB	<code>203, 211, 213</code>
RGB Percent	<code>80%, 83%, 84%</code>
CMY	<code>0.2039, 0.1725, 0.1647</code>
CMYK	<code>0.05, 0.01, 0.00, 0.16</code>
HSL	<code>192°, 11%, 82%</code>
HSV	<code>192°, 5%, 84%</code>
XYZ	<code>59.9331, 64.0891, 72.1624</code>
YIQ	<code>208.8360, -5.4100, -1.0740</code>

Conversions

Conversions Part 2

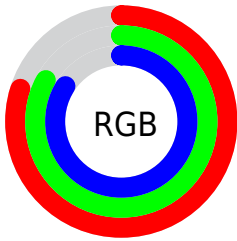
Format	Color
R _Y B	203, 207, 213
Decimal	13358037
CIE Lab	84.01, -2.33, -1.94
CIE LCh	84, 3.030, 219.783
Yxy	64.0891, 0.3055, 0.3267
Android (android.graphics.Color)	4291548117 (0xFFCBD3D5)
YUV	208.8360, 2.0529, -5.1182
Hunter-Lab	80.0557, -6.4647, 2.5948

Details

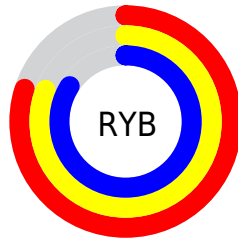
The XYZ color **59.9331, 64.0891, 72.1624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0516, 62.1201, 65.3263**, and the grayscale version is **60.4885, 63.6386, 69.3025**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6230, 32.9721, 37.0980** is the 20% darker color. If you saturate the color by 10%, you get **53.4841, 59.2184, 71.5631**, and if you desaturate by 10%, it is **67.2107, 69.4320, 72.8111**.

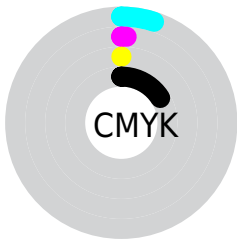
Distribution



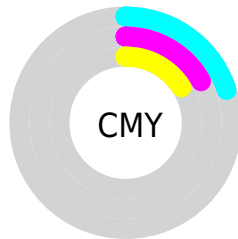
- Red (80%)
- Green (83%)
- Blue (84%)



- Red (80%)
- Yellow (81%)
- Blue (84%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9331, 64.0891, 72.1624 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 59.9331, 64.0891, 72.1624 by changing the saturation by 10% instead.

■ 59.9331, 64.0891,
72.1624

■ 59.9331, 64.0891,
72.1624

414.1898,
439.5113, 487.0994

■ 43.6140, 46.7228,
52.8037

103.8395,
110.7392, 123.9973

■ 30.5637, 32.8166,
37.2594

132.1575,
140.7919, 157.3105

■ 20.4171, 21.9860,
25.1111

165.2058,
175.8422, 196.1123

■ 12.8086, 13.8466,
15.9400

203.3498,
216.2745, 240.8213

■ 7.3730, 8.0141,
9.3278

246.9549,
262.4731, 291.8560

■ 3.7448, 4.1039,
4.8559

296.3863,

■ 1.5588, 1.7319,

314.8225, 349.6348

2.1057

352.0095,
373.7071, 414.5765

■ 0.3653, 0.4442,
0.6192

■ 0.0000, 0.0000,
0.0000

■ 59.9331, 64.0891,
72.1624

■ 59.9331, 64.0891,
72.1624

■ 53.4841, 59.2184,
71.5631

■ 67.2107, 69.4320,
72.8111

■ 47.8258, 54.7947,
71.0075

■ 75.3420, 75.2551,
73.5065

■ 42.9251, 50.8025,
70.4952

■ 79.8426, 79.2486,
74.0401

■ 38.7448, 47.2222,
70.0245

■ 80.9985, 81.5602,
74.4254

35.2443, 44.0325,
69.5933

82.1831, 83.9294,
74.8202

32.3788, 41.2101,
69.1996

83.3966, 86.3566,
75.2248

30.0979, 38.7286,
68.8408

84.6394, 88.8421,
75.6390

28.3432, 36.5576,
68.5142

85.9116, 91.3864,
76.0631

27.0439, 34.6602,
68.2165

87.2133, 93.9899,
76.4970

Harmonies

Analogous

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



59.6578, 64.0891, 70.4090



59.9331, 64.0891, 72.1624



60.4720, 64.0891, 73.2911

Triad

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



59.9331, 64.0891, 72.1624



62.1280, 64.0891, 71.0610



60.6968, 64.0891, 66.2197

Complementary

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



59.9331, 64.0891, 72.1624



60.0516, 62.1201, 65.3263

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.



61.3597, 64.0891, 66.3870



59.9331, 64.0891, 72.1624



62.1892, 64.0891, 69.1590

Square

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



59.9331, 64.0891, 72.1624



61.7403, 64.0891, 72.6471



61.9071, 64.0891, 67.4548



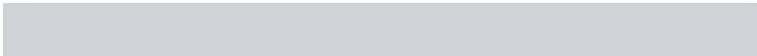
60.0966, 64.0891, 66.9935

Rectangle

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



59.9331, 64.0891, 72.1624



60.9099, 64.0891, 73.5254



61.9071, 64.0891, 67.4548



60.9196, 64.0891, 66.1681

Sweetspot

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



59.9349, 64.0918, 72.1638



93.9558, 99.1951, 108.8023



59.4232, 64.6858, 67.0069



20.1220, 21.2403, 23.2892



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

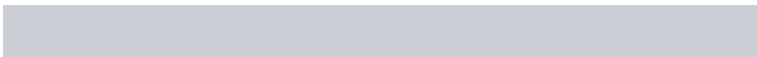
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9349, 64.0918, 72.1638



88.6766, 95.2791, 108.3247



58.7513, 61.7246, 71.7693



12.9841, 13.9768, 15.9510



16.2446, 20.7510, 41.6023



1.0346, 1.3612, 2.5275

Inverse Universe

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



60.5558, 61.5624, 70.3223



89.8738, 90.4285, 104.7674



61.2265, 64.4699, 65.7179



13.1755, 13.2027, 15.3817



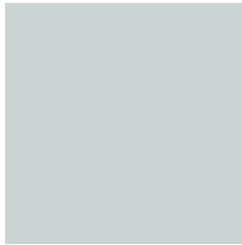
21.2584, 10.4397, 24.4625



1.3099, 0.6407, 1.6211

Previews

White Background



This preview shows how the XYZ color 59.9331, 64.0891, 72.1624 looks on a white background.

Color Contrast Check

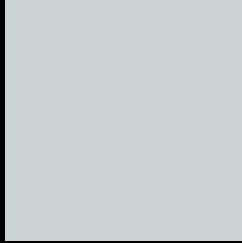
Large Text (above 18pt) WCAG AA × Fail

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 59.9331, 64.0891, 72.1624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

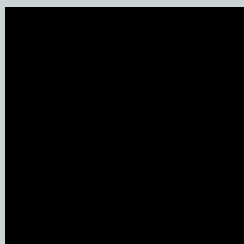
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

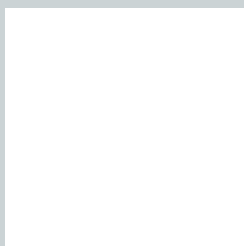
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9331, 64.0891, 72.1624

Background



This preview shows how black text looks on a background with the XYZ color 59.9331, 64.0891, 72.1624.

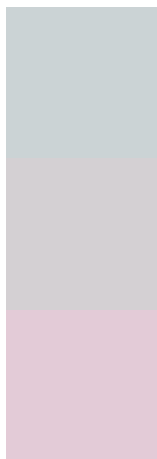


This preview shows how white text looks on a background with the XYZ color 59.9331, 64.0891,

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

59.9331, 64.0891, 72.1624

Protanopia

61.4651, 63.8119, 70.7054

Deuteranopia

65.3002, 63.9491, 73.1917



Tritanopia

61.7048, 64.0711, 81.0663

Trichromacy



Original Color

59.9331, 64.0891, 72.1624

Protanomaly

60.9786, 63.9097, 71.4092

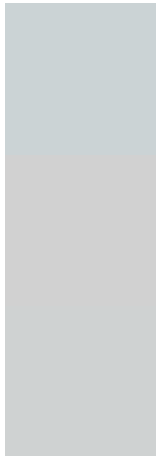
Deuteranomaly

63.1223, 63.9031, 72.6260

Tritanomaly

60.9996, 64.1510, 77.5740

Monochromacy



Original Color

59.9331, 64.0891, 72.1624

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.4116, 64.0117, 70.1442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9331, 64.0891, 72.1624 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, 211, 213) looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 213)  
}
```

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, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.9331, 64.0891, 72.1624 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, 211, 213) }
```


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

```
.border{ border-color:rgb(203, 211, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9331, 64.0891, 72.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 213) }
```

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

```
.background{ background-color: rgb(203,  
211, 213) }
```

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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