

Converting Colors

XYZ(63.9343, 69.9512, 73.3627)

Have a look what the booklet for
XYZ(63.9343, 69.9512, 73.3627)
contains.

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Color

**XYZ(63.8791, 69.9269,
73.0812)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DDD5
RGB	208, 221, 213
RGB Percent	82%, 87%, 84%
CMY	0.1843, 0.1333, 0.1647
CMYK	0.06, 0.00, 0.04, 0.13
HSL	143°, 16%, 84%
HSV	143°, 6%, 87%
XYZ	63.8791, 69.9269, 73.0812
YIQ	216.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

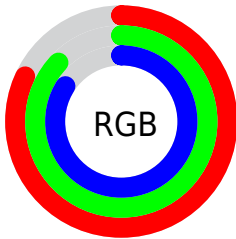
Format	Color
R _Y B	208, 217, 221
Decimal	13688277
CIE Lab	86.96, -5.83, 2.41
CIE LCh	87, 6.306, 157.547
Yxy	69.9269, 0.3088, 0.3380
Android (android.graphics.Color)	4291878357 (0xFFD0DDD5)
YUV	216.2010, -1.5781, -7.1923
Hunter-Lab	83.6223, -9.9828, 6.7195

Details

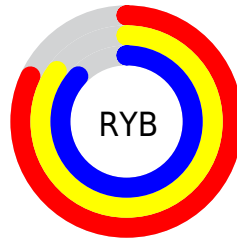
The XYZ color **63.8791, 69.9269, 73.0812** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7719, 65.4435, 74.1872**, and the grayscale version is **65.4218, 68.8289, 74.9546**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1342, 36.6111, 37.6680** is the 20% darker color. If you saturate the color by 10%, you get **56.4386, 66.2844, 64.0956**, and if you desaturate by 10%, it is **72.3342, 74.0797, 82.8733**.

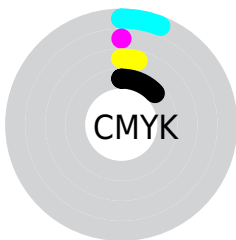
Distribution



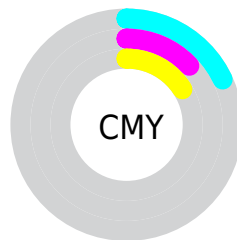
- Red (82%)
- Green (87%)
- Blue (84%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8791, 69.9269, 73.0812 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 63.8791, 69.9269, 73.0812 by changing the saturation by 10% instead.

■ 63.8791, 69.9269,
73.0812

■ 63.8791, 69.9269,
73.0812

428.3621,
460.2933, 490.3745

■ 46.8141, 51.4669,
53.5501

109.5115,
119.1045, 125.3145

■ 33.0960, 36.5804,
37.8514

138.8096,
150.5909, 158.8537

■ 22.3596, 24.8827,
25.5664

172.9161,
187.1883, 197.8995

■ 14.2395, 15.9897,
16.2767

212.1964,
229.2811, 242.8703

■ 8.3702, 9.5169,
9.5637

257.0157,
277.2535, 294.1846

■ 4.3865, 5.0798,
5.0089

307.7396,

■ 1.9230, 2.2942,

331.4901, 352.2611

2.1936

364.7332,
392.3752, 417.5182

■ 0.5902, 0.7706,
0.6707

■ 0.0000, 0.0000,
0.0000

■ 63.8791, 69.9269,
73.0812

■ 63.8791, 69.9269,
73.0812

■ 56.4386, 66.2844,
64.0956

■ 72.3342, 74.0797,
82.8733

■ 49.9678, 63.1234,
55.8914

■ 81.8350, 78.7524,
93.4867

■ 44.4267, 60.4259,
48.4492

■ 84.9566, 80.1191,
104.5927

■ 39.7707, 58.1691,
41.7469

■ 85.1478, 80.1956,
105.5993

■ 35.9509, 56.3285,
35.7612

■ 32.9137, 54.8768,
30.4678

■ 30.5989, 53.7835,
25.8407

■ 28.9367, 53.0131,
21.8524

■ 27.8419, 52.5224,
18.4729

Harmonies

Analogous

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



64.7517, 69.9269, 69.8844



63.8791, 69.9269, 73.0812



63.6940, 69.9269, 77.2092

Triad

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



63.8791, 69.9269, 73.0812



66.8362, 69.9269, 84.4693



68.7353, 69.9269, 71.2997

Complementary

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



63.8791, 69.9269, 73.0812



64.7719, 65.4435, 74.1872

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.



69.3120, 69.9269, 75.0777



63.8791, 69.9269, 73.0812



68.2051, 69.9269, 82.7551

Square

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



63.8791, 69.9269, 73.0812



65.3871, 69.9269, 83.8868



69.1165, 69.9269, 79.2799



67.5514, 69.9269, 68.8827

Rectangle

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



63.8791, 69.9269, 73.0812



63.9828, 69.9269, 79.9532



69.1165, 69.9269, 79.2799



69.0073, 69.9269, 72.4471

Sweetspot

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



63.8811, 69.9299, 73.0827



92.6972, 98.8450, 106.1734



65.5681, 70.8718, 69.8992



19.8657, 21.1690, 22.7542



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.



63.8811, 69.9299, 73.0827



87.0664, 96.0828, 99.5557



64.7212, 70.2659, 77.5067



13.4029, 14.8407, 15.3218



16.0238, 30.4421, 10.2905



1.0794, 1.9887, 0.8843

Inverse Universe

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



64.7719, 65.4435, 74.1872



88.5321, 88.7011, 101.3728



63.9495, 65.1146, 69.8566



13.6447, 13.6227, 15.6216



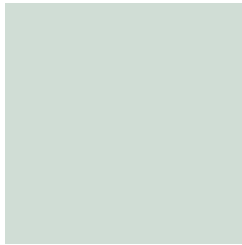
19.9616, 9.9857, 14.7096



1.3348, 0.6636, 1.1721

Previews

White Background



This preview shows how the XYZ color 63.8791, 69.9269, 73.0812 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 63.8791, 69.9269, 73.0812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

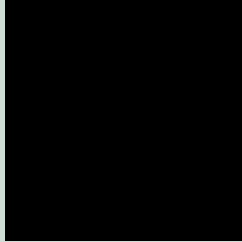
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

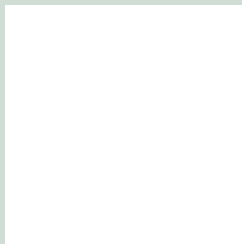
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8791, 69.9269, 73.0812

Background



This preview shows how black text looks on a background with the XYZ color 63.8791, 69.9269, 73.0812.

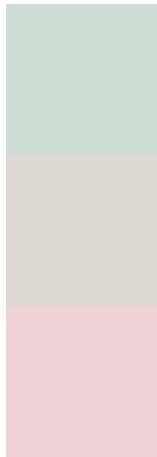


This preview shows how white text looks on a background with the XYZ color 63.8791, 69.9269,

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

63.8791, 69.9269, 73.0812

Protanopia

67.0022, 70.0168, 71.6112

Deuteranopia

71.1566, 69.8456, 74.0212



Tritanopia

67.2182, 70.1380, 88.5925

Trichromacy



Original Color

63.8791, 69.9269, 73.0812

Protanomaly

65.8685, 69.8017, 72.2888

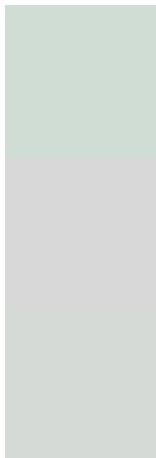
Deuteranomaly

68.4329, 69.9499, 73.5132

Tritanomaly

66.0606, 70.0580, 82.7138

Monochromacy



Original Color

63.8791, 69.9269, 73.0812

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.7777, 69.1952, 74.2318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8791, 69.9269, 73.0812 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(208, 221, 213) looks like.

```
.text, #text, p{  
    color:rgb(208, 221, 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(208, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 221, 213) }
```

Border

The CSS property to change the border of an element to XYZ 63.8791, 69.9269, 73.0812 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(208, 221, 213) }
```


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

```
.border{ border-color:rgb(208, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 221,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8791, 69.9269, 73.0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 221, 213) }
```

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

```
.background{ background-color: rgb(208,  
221, 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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