

Converting Colors

XYZ(63.2356, 70.5573, 73.7455)

Have a look what the booklet for
XYZ(63.2356, 70.5573, 73.7455)
contains.

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Color

**XYZ(63.1539, 70.3269,
73.8642)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDFD6
RGB	203, 223, 214
RGB Percent	80%, 87%, 84%
CMY	0.2039, 0.1255, 0.1608
CMYK	0.09, 0.00, 0.04, 0.13
HSL	153°, 24%, 84%
HSV	153°, 9%, 87%
XYZ	63.1539, 70.3269, 73.8642
YIQ	215.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

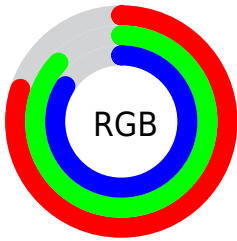
Format	Color
RYB	203, 216, 223
Decimal	13361110
CIELab	87.16, -8.34, 2.12
CIElCh	87, 8.603, 165.711
Yxy	70.3269, 0.3046, 0.3392
Android (android.graphics.Color)	4291551190 (0xFFCDBDFD6)
YUV	215.9940, -0.9830, -11.3957
Hunter-Lab	83.8611, -12.3327, 6.4806

Details

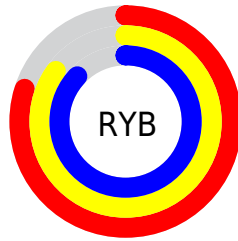
The XYZ color **63.1539, 70.3269, 73.8642** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6736, 63.1552, 71.1249**, and the grayscale version is **65.2787, 68.6783, 74.7907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6551, 36.8980, 38.2018** is the 20% darker color. If you saturate the color by 10%, you get **56.2699, 66.9236, 67.0561**, and if you desaturate by 10%, it is **70.9945, 74.2181, 81.1324**.

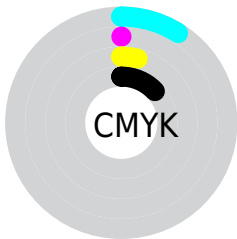
Distribution



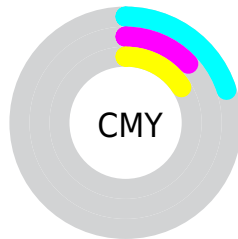
- Red (80%)
- Green (87%)
- Blue (84%)



- Red (80%)
- Yellow (85%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1539, 70.3269, 73.8642 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 63.1539, 70.3269, 73.8642 by changing the saturation by 10% instead.

63.1539, 70.3269,
73.8642

63.1539, 70.3269,
73.8642

425.7786,
461.6970, 493.1554

46.2248, 51.7931,
54.1868

108.4721,
119.6748, 126.4355

32.6287, 36.8402,
38.3568

137.5919,
151.2577, 160.1666

22.0000, 25.0838,
25.9558

171.5060,
187.9591, 199.4192

13.9735, 16.1395,
16.5651

210.5798,
230.1633, 244.6120

8.1838, 9.6229,
9.7662

255.1786,
278.2549, 296.1634

4.2656, 5.1497,
5.1407

305.6678,

1.8535, 2.3353,

332.6180, 354.4921

2.2698

362.4126,
393.6373, 420.0166

■ 0.5496, 0.7923,
0.7143

■ 0.0000, 0.0000,
0.0000

■ 63.1539, 70.3269,
73.8642

■ 63.1539, 70.3269,
73.8642

■ 56.2699, 66.9236,
67.0561

■ 70.9945, 74.2181,
81.1324

■ 50.2979, 63.9796,
60.6942

■ 79.8219, 78.6068,
88.8650

■ 45.1988, 61.4767,
54.7707

■ 83.9754, 80.5766,
96.8053

■ 40.9280, 59.3922,
49.2756

■ 85.5426, 81.2034,
105.0580

■ 37.4369, 57.7013,
44.1987

■ 85.6790, 81.2580,
105.7763

■ 34.6716, 56.3762,
39.5291

■ 32.5708, 55.3856,
35.2553

■ 31.0624, 54.6925,
31.3653

■ 30.0347, 54.2396,
27.8443

Harmonies

Analogous

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



64.1046, 70.3269, 69.0743



63.1539, 70.3269, 73.8642



63.1779, 70.3269, 79.6224

Triad

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



63.1539, 70.3269, 73.8642



67.8997, 70.3269, 87.7761



69.5895, 70.3269, 68.8924

Complementary

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



63.1539, 70.3269, 73.8642



63.6736, 63.1552, 71.1249

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.



70.6484, 70.3269, 73.6045



63.1539, 70.3269, 73.8642



69.6595, 70.3269, 84.5979

Square

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



63.1539, 70.3269, 73.8642



65.8906, 70.3269, 87.8543



70.6743, 70.3269, 79.3494



67.8058, 70.3269, 66.3032

Rectangle

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



63.1539, 70.3269, 73.8642



63.7426, 70.3269, 83.2446



70.6743, 70.3269, 79.3494



70.0436, 70.3269, 70.2697

Sweetspot

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



63.1559, 70.3299, 73.8658



91.7418, 98.3581, 105.8773



64.4172, 71.1370, 66.8367



19.4517, 20.9610, 22.4913



0.0000, 0.0000, 0.0000



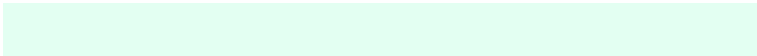
20.3446, 21.4041, 23.3091

Same Dimension

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



63.1559, 70.3299, 73.8658



83.5062, 94.2761, 98.0957



64.1602, 70.4471, 80.0316



13.8426, 15.4628, 16.2063



17.6618, 31.8896, 16.4740



1.2692, 2.2284, 1.3786

Inverse Universe

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



63.6736, 63.1552, 71.1249



84.3605, 82.4369, 93.5732



62.7268, 63.0290, 65.3607



13.9624, 13.8026, 15.5721



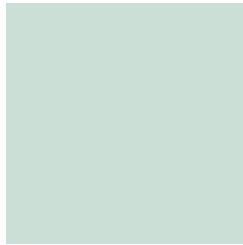
19.3116, 9.7916, 8.3064



1.3832, 0.6966, 0.8109

Previews

White Background



This preview shows how the XYZ color 63.1539, 70.3269, 73.8642 looks on a white background.

Color Contrast Check

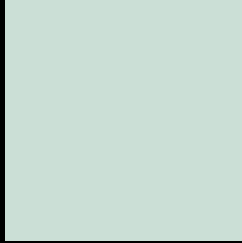
Large Text (above 18pt) WCAG AA × Fail

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 63.1539, 70.3269, 73.8642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

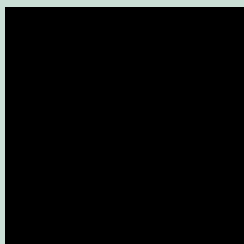
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

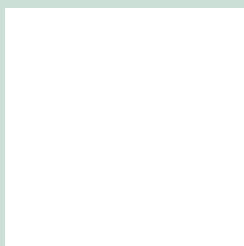
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1539, 70.3269, 73.8642

Background



This preview shows how black text looks on a background with the XYZ color 63.1539, 70.3269, 73.8642.



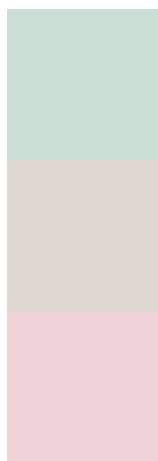
This preview shows how white text looks on a background with the XYZ color 63.1539, 70.3269,

73.8642.

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

63.1539, 70.3269, 73.8642

Protanopia

67.3112, 70.1762, 71.6257

Deuteranopia

71.6241, 70.0717, 74.7159



Tritanopia

66.6114, 70.5662, 90.2306

Trichromacy



Original Color

63.1539, 70.3269, 73.8642

Protanomaly

65.5341, 70.0154, 72.3477

Deuteranomaly

68.2447, 69.8381, 74.1732

Tritanomaly

65.4529, 70.4919, 84.2853

Monochromacy



Original Color

63.1539, 70.3269, 73.8642

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.4612, 69.4182, 74.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1539, 70.3269, 73.8642 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, 223, 214)` looks like.

```
.text, #text, p{  
    color:rgb(203, 223, 214)  
}
```

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, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 223, 214) }
```

Border

The CSS property to change the border of an element to XYZ 63.1539, 70.3269, 73.8642 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, 223, 214) }
```


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

```
.border{ border-color:rgb(203, 223, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 223, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(203, 223,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1539, 70.3269, 73.8642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 223, 214) }
```

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

```
.background{ background-color: rgb(203,  
223, 214) }
```

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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