

Converting Colors

XYZ(66.3531, 72.7600, 63.9736)

Have a look what the booklet for
XYZ(66.3531, 72.7600, 63.9736)
contains.

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Color

**XYZ(66.3639, 72.6042,
63.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE0C6
RGB	220, 224, 198
RGB Percent	86%, 88%, 78%
CMY	0.1373, 0.1215, 0.2235
CMYK	0.02, 0.00, 0.12, 0.12
HSL	69°, 30%, 83%
HSV	69°, 12%, 88%
XYZ	66.3639, 72.6042, 63.9423
YIQ	219.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

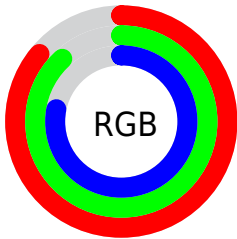
Format	Color
RYB	198, 224, 202
Decimal	14475462
CIELab	88.26, -5.81, 12.27
CIELCh	88, 13.580, 115.352
Yxy	72.6042, 0.3271, 0.3578
Android (android.graphics.Color)	4292665542 (0xFFDCE0C6)
YUV	219.8400, -10.7671, 0.1403
Hunter-Lab	85.2081, -10.0903, 15.1530

Details

The XYZ color **66.3639, 72.6042, 63.9423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0086, 58.3285, 78.7261**, and the grayscale version is **67.9874, 71.5281, 77.8941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7391, 38.3889, 31.9644** is the 20% darker color. If you saturate the color by 10%, you get **62.9363, 71.1161, 51.2774**, and if you desaturate by 10%, it is **70.1992, 74.2626, 78.6240**.

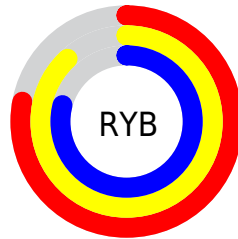
Distribution



Red (86%)

Green (88%)

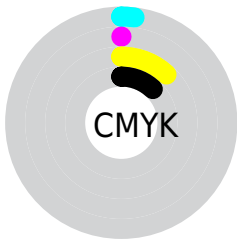
Blue (78%)



Red (78%)

Yellow (88%)

Blue (79%)

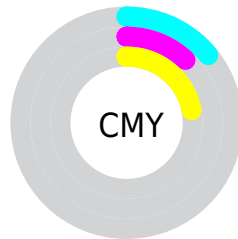


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3639, 72.6042, 63.9423 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 66.3639, 72.6042, 63.9423 by changing the saturation by 10% instead.

66.3639, 72.6042,
63.9423

66.3639, 72.6042,
63.9423

437.1453,
469.6419, 457.1830

48.8367, 53.6524,
46.1581

113.0633,
122.9152, 112.1265

34.7039, 38.3238,
32.0210

142.9662,
155.0431, 143.3635

23.6003, 26.2341,
21.1126

177.7250,
192.3318, 179.9219

15.1605, 16.9989,
13.0143

217.7051,
235.1658, 222.2202

9.0192, 10.2337,
7.3075

263.2718,
283.9294, 270.6769

4.8109, 5.5542,
3.5738

314.7905,

2.1704, 2.5759,

339.0070, 325.7106

1.3946

372.6266,
400.7831, 387.7398

■ 0.7270, 0.9146,
0.1375

■ 0.0000, 0.0000,
0.0000

■ 66.3639, 72.6042,
63.9423

■ 66.3639, 72.6042,
63.9423

■ 62.9363, 71.1161,
51.2774

■ 70.1992, 74.2626,
78.6240

■ 59.8935, 69.7822,
40.5365

■ 74.4521, 76.0881,
95.4004

■ 57.2197, 68.5982,
31.6267

■ 77.4527, 77.4152,
105.4682

■ 54.8950, 67.5563,
24.4455

■ 78.5731, 77.9928,
105.5206

■ 52.8981, 66.6479,
18.8802

■ 79.7155, 78.5818,
105.5741

■ 51.2048, 65.8635,
14.8049

■ 80.8801, 79.1821,
105.6286

■ 49.7876, 65.1919,
12.0752

■ 82.0670, 79.7940,
105.6841

■ 48.6135, 64.6198,
10.5177

■ 83.2763, 80.4174,
105.7407

■ 47.7698, 64.1983,
9.8738

■ 84.5081, 81.0524,
105.7984

Harmonies

Analogous

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



69.5163, 72.6042, 62.5064



66.3639, 72.6042, 63.9423



63.9883, 72.6042, 69.2984

Triad

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



66.3639, 72.6042, 63.9423



65.5120, 72.6042, 94.7284



75.4334, 72.6042, 80.5145

Complementary

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



66.3639, 72.6042, 63.9423



58.0086, 58.3285, 78.7261

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.



74.2838, 72.6042, 89.6839



66.3639, 72.6042, 63.9423



68.5024, 72.6042, 98.2903

Square

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



66.3639, 72.6042, 63.9423



63.5075, 72.6042, 86.9761



71.7216, 72.6042, 96.3759



74.8176, 72.6042, 71.6274

Rectangle

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



66.3639, 72.6042, 63.9423



63.1306, 72.6042, 74.6087



71.7216, 72.6042, 96.3759



75.2396, 72.6042, 83.6717

Sweetspot

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



66.3659, 72.6074, 63.9439



93.4105, 99.2943, 102.5216



62.0330, 62.1207, 62.1481



19.9018, 21.2134, 21.5882



0.0000, 0.0000, 0.0000



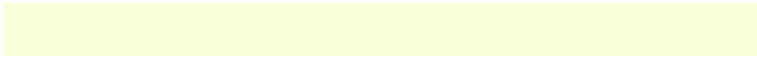
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3659, 72.6074, 63.9439



87.8319, 96.8824, 81.2960



62.6113, 70.6718, 63.7682



14.6536, 15.9171, 14.6068



27.8833, 37.4069, 5.7506



1.9895, 2.6221, 0.4013

Inverse Universe

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



58.0086, 58.3285, 78.7261



74.4482, 74.0148, 104.9702



61.6460, 60.2036, 78.8963



13.1476, 13.3441, 17.2704



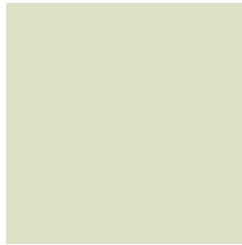
8.2861, 3.3669, 41.2615



0.6362, 0.2653, 2.8629

Previews

White Background



This preview shows how the XYZ color 66.3639, 72.6042, 63.9423 looks on a white background.

Color Contrast Check

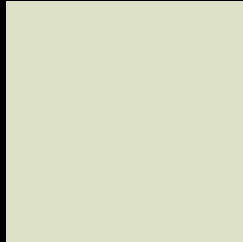
Large Text (above 18pt) WCAG AA × Fail

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 66.3639, 72.6042, 63.9423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

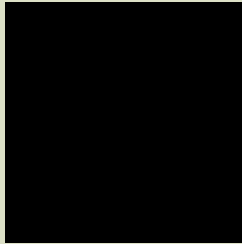
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

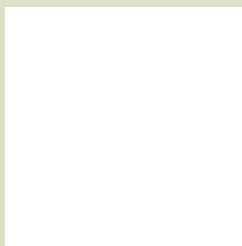
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3639, 72.6042, 63.9423

Background



This preview shows how black text looks on a background with the XYZ color 66.3639, 72.6042, 63.9423.



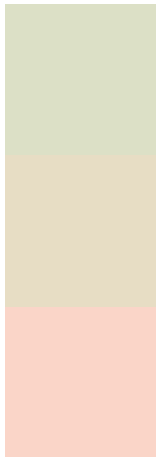
This preview shows how white text looks on a background with the XYZ color 66.3639, 72.6042,

63.9423.

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

66.3639, 72.6042, 63.9423

Protanopia

68.7753, 72.6873, 62.6298

Deuteranopia

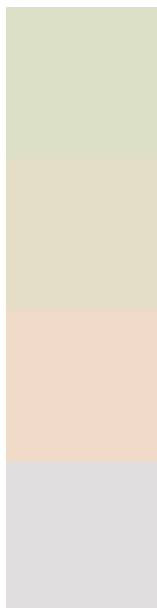
73.6439, 72.0826, 64.6755



Tritanopia

71.5232, 72.7267, 89.6249

Trichromacy



Original Color

66.3639, 72.6042, 63.9423

Protanomaly

67.8779, 72.6047, 63.2599

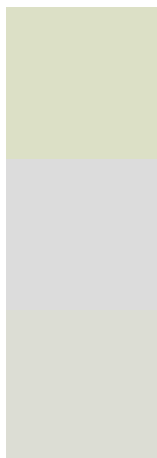
Deuteranomaly

70.7183, 72.1000, 64.2223

Tritanomaly

69.4727, 72.6748, 79.4733

Monochromacy



Original Color

66.3639, 72.6042, 63.9423

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.2553, 71.6820, 72.5786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3639, 72.6042, 63.9423 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(220, 224, 198)` looks like.

```
.text, #text, p{  
    color:rgb(220, 224, 198)  
}
```

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(220, 224, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 224, 198) }
```

Border

The CSS property to change the border of an element to XYZ 66.3639, 72.6042, 63.9423 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(220, 224, 198) }
```


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

```
.border{ border-color:rgb(220, 224, 198) }
```

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

Here you see how a box with a 4 pixel rgb(220, 224, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 224, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 224, 198);  
box-shadow:4px 4px 4px 4px rgb(220, 224,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3639, 72.6042, 63.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 224, 198) }
```

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

```
.background{ background-color: rgb(220,  
224, 198) }
```

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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