

Converting Colors

XYZ(63.4691, 69.6113, 82.0445)

Have a look what the booklet for
XYZ(63.4691, 69.6113, 82.0445)
contains.

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Color

**XYZ(63.4033, 69.4832,
82.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DDE2
RGB	200, 221, 226
RGB Percent	78%, 87%, 89%
CMY	0.2157, 0.1333, 0.1137
CMYK	0.12, 0.02, 0.00, 0.11
HSL	192°, 31%, 84%
HSV	192°, 12%, 89%
XYZ	63.4033, 69.4832, 82.0214
YIQ	215.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

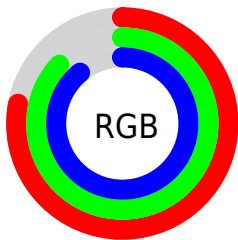
Format	Color
R _Y B	200, 212, 226
Decimal	13164002
CIE Lab	86.74, -5.98, -4.84
CIE LCh	87, 7.689, 218.969
Yxy	69.4832, 0.2950, 0.3233
Android (android.graphics.Color)	4291354082 (0xFFC8DDE2)
YUV	215.2910, 5.2795, -13.4102
Hunter-Lab	83.3566, -10.1020, 0.0093

Details

The XYZ color **63.4033, 69.4832, 82.0214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6211, 64.0012, 63.6450**, and the grayscale version is **64.7623, 68.1349, 74.1989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8410, 36.3237, 43.8083** is the 20% darker color. If you saturate the color by 10%, you get **56.6764, 64.3367, 81.3837**, and if you desaturate by 10%, it is **71.0561, 75.1548, 82.7139**.

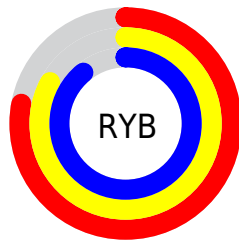
Distribution



Red (78%)

Green (87%)

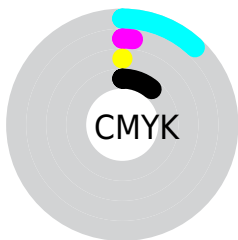
Blue (89%)



Red (78%)

Yellow (83%)

Blue (89%)

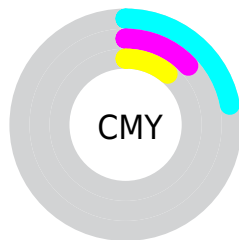


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (22%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4033, 69.4832, 82.0214 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 63.4033, 69.4832, 82.0214 by changing the saturation by 10% instead.

■ 63.4033, 69.4832,
82.0214

■ 63.4033, 69.4832,
82.0214

426.6681,
458.7333, 521.6046

■ 46.4274, 51.1053,
60.8473

108.8297,
118.4715, 138.0410

■ 32.7893, 36.2924,
43.6722

138.0109,
149.8507, 173.7235

■ 22.1235, 24.6601,
30.0776

171.9913,
186.3324, 215.0792

■ 14.0648, 15.8240,
19.6449

211.1362,
228.3011, 262.5266

■ 8.2478, 9.3997,
11.9557

255.8110,
276.1411, 316.4843

■ 4.3070, 5.0028,
6.5913

306.3810,

■ 1.8773, 2.2489,

330.2369, 377.3709

3.1333

363.2116,
390.9729, 445.6048

■ 0.5636, 0.7465,
1.1631

■ 0.0000, 0.0000,
0.0000

■ 63.4033, 69.4832,
82.0214

■ 63.4033, 69.4832,
82.0214

■ 56.6764, 64.3367,
81.3837

■ 71.0561, 75.1548,
82.7139

■ 50.8302, 59.6861,
80.7941

■ 79.6655, 81.3621,
83.4582

■ 45.8246, 55.5121,
80.2523

■ 84.4005, 85.6167,
84.0299

■ 41.6138, 51.7910,
79.7560

■ 85.6525, 88.1208,
84.4472

■ 38.1479, 48.4966,
79.3028

■ 86.9351, 90.6860,
84.8748

■ 35.3708, 45.5997,
78.8900

■ 88.2485, 93.3126,
85.3126

■ 33.2182, 43.0668,
78.5145

■ 89.5927, 96.0012,
85.7606

■ 31.6133, 40.8578,
78.1728

■ 90.7277, 98.2711,
86.1390

■ 30.5720, 39.1797,
77.9037

Harmonies

Analogous

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



62.7020, 69.4832, 77.2016



63.4033, 69.4832, 82.0214



64.8150, 69.4832, 85.2278

Triad

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



63.4033, 69.4832, 82.0214



69.3046, 69.4832, 79.2460



65.5069, 69.4832, 66.3360

Complementary

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



63.4033, 69.4832, 82.0214



63.6211, 64.0012, 63.6450

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.



67.2838, 69.4832, 66.8280



63.4033, 69.4832, 82.0214



69.4980, 69.4832, 74.1300

Square

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



63.4033, 69.4832, 82.0214



68.2286, 69.4832, 83.5759



68.7523, 69.4832, 69.6276



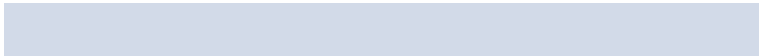
63.9020, 69.4832, 68.2519

Rectangle

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



63.4033, 69.4832, 82.0214



65.9798, 69.4832, 85.9385



68.7523, 69.4832, 69.6276



66.1036, 69.4832, 66.2271

Sweetspot

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



63.4053, 69.4861, 82.0229



91.8241, 97.6434, 108.6152



62.0082, 71.0698, 68.0609



19.4737, 20.7672, 23.2320



0.0000, 0.0000, 0.0000



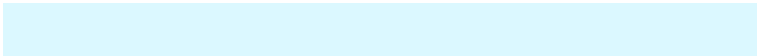
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4053, 69.4861, 82.0229



80.9639, 89.5469, 107.6248



60.1609, 62.9972, 80.9415



13.8810, 15.1011, 17.5709



17.5246, 22.5187, 44.4713



1.2729, 1.6773, 3.1019

Inverse Universe

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



65.0710, 62.6992, 77.0825



83.6147, 78.8657, 99.7356



66.8014, 70.3619, 64.7052



14.1762, 13.8881, 16.6978



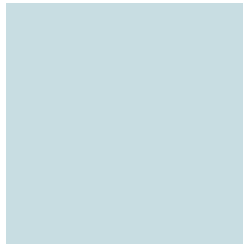
22.7858, 11.1813, 26.6015



1.6088, 0.7868, 1.9986

Previews

White Background



This preview shows how the XYZ color 63.4033, 69.4832, 82.0214 looks on a white background.

Color Contrast Check

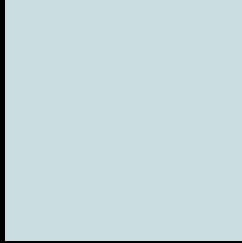
Large Text (above 18pt) WCAG AA × Fail

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 63.4033, 69.4832, 82.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

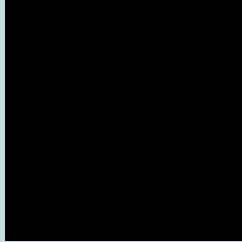
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4033, 69.4832, 82.0214

Background



This preview shows how black text looks on a background with the XYZ color 63.4033, 69.4832, 82.0214.

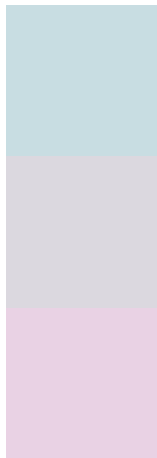


This preview shows how white text looks on a background with the XYZ color 63.4033, 69.4832,

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

63.4033, 69.4832, 82.0214

Protanopia

67.0886, 69.4995, 79.6908

Deuteranopia

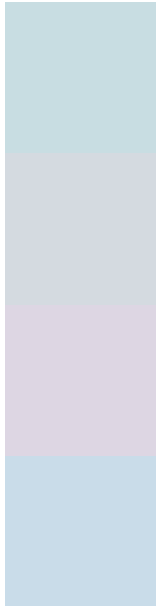
70.6545, 69.0183, 82.9968



Tritanopia

64.9747, 69.3340, 90.0790

Trichromacy



Original Color

63.4033, 69.4832, 82.0214

Protanomaly

65.6773, 69.5217, 80.4785

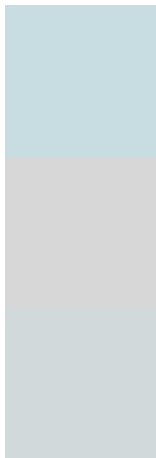
Deuteranomaly

67.7305, 69.0113, 82.4238

Tritanomaly

64.3886, 69.4871, 87.1095

Monochromacy



Original Color

63.4033, 69.4832, 82.0214

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.1774, 68.4418, 76.8459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4033, 69.4832, 82.0214 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(200, 221, 226) looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 226)  
}
```

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(200, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 226) }
```

Border

The CSS property to change the border of an element to XYZ 63.4033, 69.4832, 82.0214 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(200, 221, 226) }
```


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

```
.border{ border-color:rgb(200, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4033, 69.4832, 82.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 226) }
```

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

```
.background{ background-color: rgb(200,  
221, 226) }
```

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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