

Converting Colors

XYZ(64.0962, 69.9492, 77.1411)

Have a look what the booklet for
XYZ(64.0962, 69.9492, 77.1411)
contains.

XYZ(64.0962, 69.9492, 77.1411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.0962, 69.9492,
77.1411)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDDDB
RGB	206, 221, 219
RGB Percent	81%, 87%, 86%
CMY	0.1922, 0.1333, 0.1412
CMYK	0.07, 0.00, 0.01, 0.13
HSL	172°, 18%, 84%
HSV	172°, 7%, 87%
XYZ	64.0962, 69.9492, 77.1411
YIQ	216.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

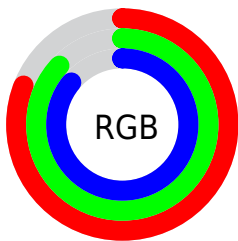
Format	Color
R _Y B	206, 214, 221
Decimal	13557211
CIE Lab	86.97, -5.38, -0.76
CIE LCh	87, 5.433, 188.009
Yxy	69.9492, 0.3035, 0.3312
Android (android.graphics.Color)	4291747291 (0xFFCEDDDB)
YUV	216.2870, 1.3375, -9.0217
Hunter-Lab	83.6356, -9.5646, 3.8590

Details

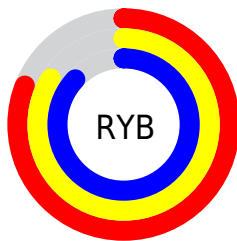
The XYZ color **64.0962, 69.9492, 77.1411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2778, 64.0706, 68.7096**, and the grayscale version is **65.4627, 68.8719, 75.0015**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2860, 36.6282, 40.4375** is the 20% darker color. If you saturate the color by 10%, you get **58.0024, 66.8542, 74.8469**, and if you desaturate by 10%, it is **71.0636, 73.4976, 79.5151**.

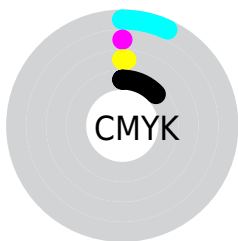
Distribution



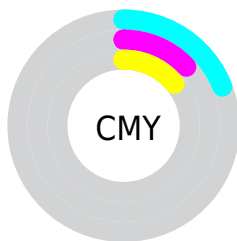
- Red (81%)
- Green (87%)
- Blue (86%)



- Red (81%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0962, 69.9492, 77.1411 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 64.0962, 69.9492, 77.1411 by changing the saturation by 10% instead.

■ 64.0962, 69.9492,
77.1411

■ 64.0962, 69.9492,
77.1411

429.1337,
460.3716, 504.6954

■ 46.9906, 51.4851,
56.8564

109.8224,
119.1363, 131.1135

■ 33.2361, 36.5948,
40.4814

139.1737,
150.6281, 165.6383

■ 22.4675, 24.8939,
27.5974

173.3376,
187.2313, 205.7468

■ 14.3193, 15.9981,
17.7860

212.6795,
229.3303, 251.8577

■ 8.4263, 9.5228,
10.6286

257.5647,
277.3094, 304.3895

■ 4.4230, 5.0837,
5.7067

308.3585,

■ 1.9441, 2.2965,

331.5530, 363.7607

2.6017

365.4264,
392.4457, 430.3898

■ 0.6023, 0.7718,
0.8933

■ 0.0000, 0.0000,
0.0000

■ 64.0962, 69.9492,
77.1411

■ 64.0962, 69.9492,
77.1411

■ 58.0024, 66.8542,
74.8469

■ 71.0636, 73.4976,
79.5151

■ 52.7404, 64.1852,
72.6259

■ 78.9323, 77.5080,
81.9660

■ 48.2738, 61.9255,
70.4777

■ 81.0813, 78.5690,
84.1855

■ 44.5612, 60.0537,
68.4003

■ 81.4943, 78.7342,
86.3603

■ 41.5576, 58.5467,
66.3912

■ 81.9143, 78.9022,
88.5721

■ 39.2129, 57.3785,
64.4480

■ 82.3414, 79.0730,
90.8211

■ 37.4707, 56.5202,
62.5679

■ 82.7756, 79.2467,
93.1074

■ 36.2647, 55.9375,
60.7475

■ 83.2169, 79.4232,
95.4313

■ 35.5099, 55.5867,
58.9827

■ 83.6654, 79.6026,
97.7930

Harmonies

Analogous

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



64.2464, 69.9492, 73.5744



64.0962, 69.9492, 77.1411



64.5795, 69.9492, 80.5500

Triad

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



64.0962, 69.9492, 77.1411



67.9994, 69.9492, 81.8058



67.4030, 69.9492, 69.8617

Complementary

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



64.0962, 69.9492, 77.1411



63.2778, 64.0706, 68.7096

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.



68.4269, 69.9492, 71.9379



64.0962, 69.9492, 77.1411



68.7742, 69.9492, 78.8112

Square

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



64.0962, 69.9492, 77.1411



66.8253, 69.9492, 83.2985



68.9316, 69.9492, 75.1928



66.1450, 69.9492, 69.4466

Rectangle

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



64.0962, 69.9492, 77.1411



65.1995, 69.9492, 82.2482



68.9316, 69.9492, 75.1928



67.7865, 69.9492, 70.3852

Sweetspot

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



64.0982, 69.9522, 77.1426



93.0890, 99.0017, 108.2369



63.0819, 69.6183, 68.5064



19.9454, 21.2009, 23.1742



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.



64.0982, 69.9522, 77.1426



87.5035, 96.1599, 106.2736



62.9987, 67.3284, 78.0855



13.3662, 14.7981, 16.3911



20.5451, 32.2507, 34.0995



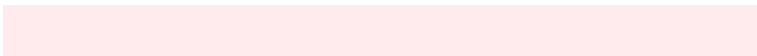
1.3522, 2.0978, 2.3207

Inverse Universe

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



63.2778, 64.0706, 68.7096



86.1674, 86.5813, 92.5397



64.3182, 66.5435, 67.8477



13.1265, 13.0797, 13.9273



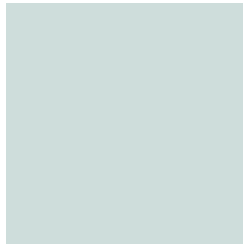
17.4784, 8.9924, 1.6333



1.1558, 0.5920, 0.2294

Previews

White Background



This preview shows how the XYZ color 64.0962, 69.9492, 77.1411 looks on a white background.

Color Contrast Check

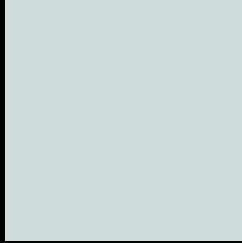
Large Text (above 18pt) WCAG AA × Fail

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 64.0962, 69.9492, 77.1411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

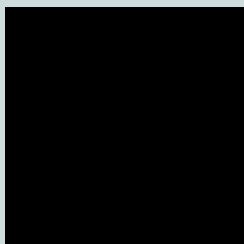
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

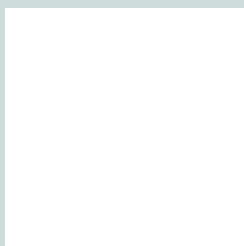
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0962, 69.9492, 77.1411

Background



This preview shows how black text looks on a background with the XYZ color 64.0962, 69.9492, 77.1411.

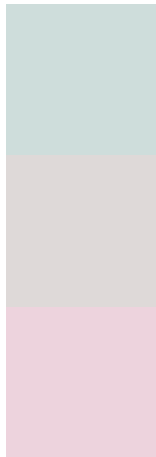


This preview shows how white text looks on a background with the XYZ color 64.0962, 69.9492,

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

64.0962, 69.9492, 77.1411

Protanopia

67.3317, 70.1132, 74.9502

Deuteranopia

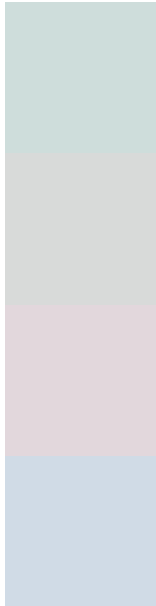
71.2705, 69.8135, 78.1256



Tritanopia

66.5062, 69.7542, 89.3155

Trichromacy



Original Color

64.0962, 69.9492, 77.1411

Protanomaly

65.9147, 69.7515, 75.6349

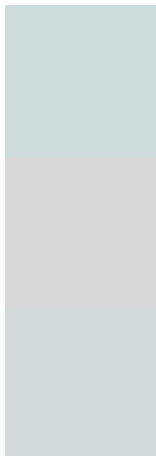
Deuteranomaly

68.5827, 69.9369, 77.5946

Tritanomaly

65.6269, 69.7861, 84.8741

Monochromacy



Original Color

64.0962, 69.9492, 77.1411

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.7472, 69.1496, 75.5803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0962, 69.9492, 77.1411 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(206, 221, 219) looks like.

```
.text, #text, p{  
    color:rgb(206, 221, 219)  
}
```

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(206, 221, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 221, 219) }
```

Border

The CSS property to change the border of an element to XYZ 64.0962, 69.9492, 77.1411 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(206, 221, 219) }
```


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

```
.border{ border-color:rgb(206, 221, 219) }
```

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

Here you see how a box with a 4 pixel rgb(206, 221, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 221, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 221, 219);  
box-shadow:4px 4px 4px 4px rgb(206, 221,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0962, 69.9492, 77.1411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 221, 219) }
```

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

```
.background{ background-color: rgb(206,  
221, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor