

Converting Colors

XYZ(62.1978, 63.9873, 71.3901)

Have a look what the booklet for
XYZ(62.1978, 63.9873, 71.3901)
contains.

XYZ(62.2208, 63.8262, 71.3277)	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(62.2208, 63.8262,
71.3277)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CFD4
RGB	215, 207, 212
RGB Percent	84%, 81%, 83%
CMY	0.1569, 0.1882, 0.1686
CMYK	0.00, 0.04, 0.01, 0.16
HSL	323°, 9%, 83%
HSV	323°, 4%, 84%
XYZ	62.2208, 63.8262, 71.3277
YIQ	209.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

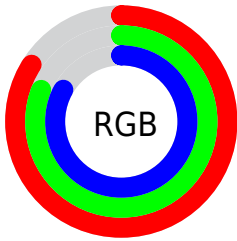
Format	Color
R _Y B	215, 207, 212
Decimal	14143444
CIE Lab	83.88, 3.65, -1.50
CIE LCh	84, 3.946, 337.658
Yxy	63.8262, 0.3152, 0.3234
Android (android.graphics.Color)	4292333524 (0xFFD7CFD4)
YUV	209.9620, 1.0047, 4.4183
Hunter-Lab	79.8913, -0.7907, 2.9892

Details

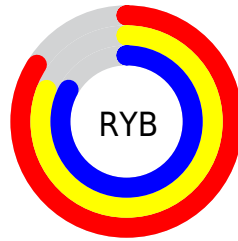
The XYZ color **62.2208, 63.8262, 71.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6678, 66.5210, 70.5656**, and the grayscale version is **61.2273, 64.4159, 70.1489**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9742, 32.6904, 36.5229** is the 20% darker color. If you saturate the color by 10%, you get **56.3709, 53.7134, 64.4830**, and if you desaturate by 10%, it is **68.8345, 75.3834, 78.6793**.

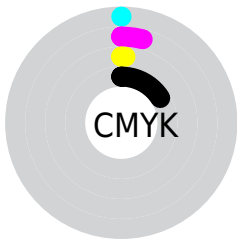
Distribution



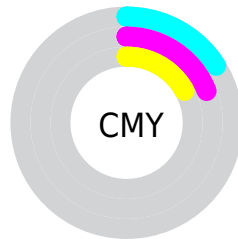
- Red (84%)
- Green (81%)
- Blue (83%)



- Red (84%)
- Yellow (81%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2208, 63.8262, 71.3277 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 62.2208, 63.8262, 71.3277 by changing the saturation by 10% instead.

■ 62.2208, 63.8262,
71.3277

■ 62.2208, 63.8262,
71.3277

422.4408,
438.5617, 484.1127

■ 45.4674, 46.5099,
52.1262

107.1327,
110.3606, 122.7990

■ 32.0286, 32.6484,
36.7227

136.0220,
140.3475, 155.9059

■ 21.5390, 21.8572,
24.6988

169.6872,
175.3267, 194.4850

■ 13.6333, 13.7520,
15.6358

208.4938,
215.6827, 238.9549

■ 7.9460, 7.9484,
9.1153

252.8071,
261.7998, 289.7340

■ 4.1119, 4.0620,
4.7186

302.9925,

■ 1.7657, 1.7083,

314.0624, 347.2410

2.0273

359.4152,
372.8549, 411.8944

■ 0.4968, 0.4290,
0.5720

■ 0.0000, 0.0000,
0.0000

■ 62.2208, 63.8262,
71.3277

■ 62.2208, 63.8262,
71.3277

■ 56.3709, 53.7134,
64.4830

■ 68.8345, 75.3834,
78.6793

■ 51.2500, 44.9795,
58.1278

■ 76.2340, 88.4307,
86.5465

■ 46.8290, 37.5662,
52.2493

■ 78.9539, 92.0349,
93.1116

■ 43.0742, 31.4078,
46.8325

■ 80.1540, 92.5150,
99.4313

■ 39.9495, 26.4328,
41.8616

■ 81.4078, 93.0165,
106.0334

■ 37.4148, 22.5628,
37.3193

■ 81.8347, 93.1873,
108.2815

■ 35.4254, 19.7095,
33.1864

■ 33.9297, 17.7711,
29.4417

■ 32.8653, 16.6242,
26.0600

Harmonies

Analogous

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



61.6897, 63.8262, 73.3468



62.2208, 63.8262, 71.3277



62.3331, 63.8262, 68.8613

Triad

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



62.2208, 63.8262, 71.3277



60.4429, 63.8262, 64.8681



59.3539, 63.8262, 72.4554

Complementary

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



62.2208, 63.8262, 71.3277



61.6678, 66.5210, 70.5656

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.



59.0267, 63.8262, 70.1344



62.2208, 63.8262, 71.3277



59.6515, 63.8262, 65.7822

Square

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



62.2208, 63.8262, 71.3277



61.3012, 63.8262, 65.1704



59.1351, 63.8262, 67.6957



60.0330, 63.8262, 74.0086

Rectangle

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



62.2208, 63.8262, 71.3277



62.1543, 63.8262, 67.3019



59.1351, 63.8262, 67.6957



59.1994, 63.8262, 71.7370

Sweetspot

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



62.2226, 63.8290, 71.3291



94.0882, 98.3223, 107.8215



61.1404, 63.2269, 73.2724



20.1489, 21.0627, 23.0896



0.0000, 0.0000, 0.0000



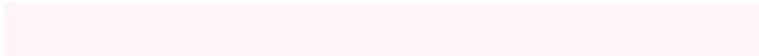
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2226, 63.8290, 71.3291



91.2719, 93.4198, 104.6315



61.7327, 63.6330, 68.7493



13.3563, 13.6065, 15.3115



19.4029, 9.6975, 14.6918



1.2098, 0.6007, 1.0944

Inverse Universe

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



62.2226, 63.8290, 71.3291



91.2719, 93.4198, 104.6315



62.1636, 66.7194, 73.1766



13.3563, 13.6065, 15.3115



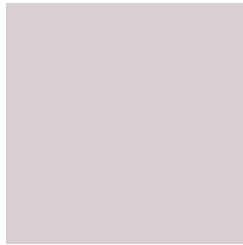
19.4029, 9.6975, 14.6918



1.2098, 0.6007, 1.0944

Previews

White Background



This preview shows how the XYZ color 62.2208, 63.8262, 71.3277 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 62.2208, 63.8262, 71.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

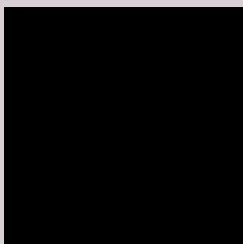
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

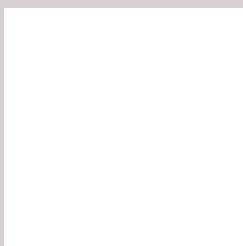
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2208, 63.8262, 71.3277

Background



This preview shows how black text looks on a background with the XYZ color 62.2208, 63.8262, 71.3277.

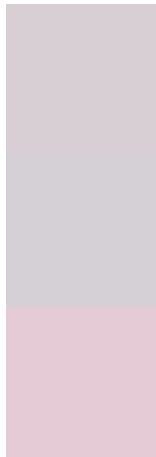


This preview shows how white text looks on a background with the XYZ color 62.2208, 63.8262,

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

62.2208, 63.8262, 71.3277

Protanopia

61.7175, 63.9129, 72.0344

Deuteranopia

65.3611, 64.0099, 71.8610



Tritanopia

63.3350, 63.5355, 78.0327

Trichromacy



Original Color

62.2208, 63.8262, 71.3277

Protanomaly

62.0067, 64.0620, 72.0479

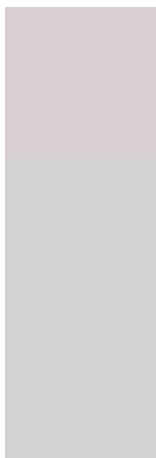
Deuteranomaly

64.0345, 63.6778, 71.8669

Tritanomaly

63.0451, 63.8035, 75.3221

Monochromacy



Original Color

62.2208, 63.8262, 71.3277

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.7097, 64.3011, 70.7869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2208, 63.8262, 71.3277 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(215, 207, 212) looks like.

```
.text, #text, p{  
    color:rgb(215, 207, 212)  
}
```

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(215, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 207, 212) }
```

Border

The CSS property to change the border of an element to XYZ 62.2208, 63.8262, 71.3277 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(215, 207, 212) }
```


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

```
.border{ border-color:rgb(215, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 207,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2208, 63.8262, 71.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 207, 212) }
```

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

```
.background{ background-color: rgb(215,  
207, 212) }
```

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