

Converting Colors

XYZ(62.7944, 61.5837, 71.2426)

Have a look what the booklet for
XYZ(62.7944, 61.5837, 71.2426)
contains.

XYZ(62.7887, 61.6422, 71.5396)	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(62.7887, 61.6422,
71.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC8D5
RGB	222, 200, 213
RGB Percent	87%, 78%, 84%
CMY	0.1294, 0.2157, 0.1647
CMYK	0.00, 0.10, 0.04, 0.13
HSL	325°, 25%, 83%
HSV	325°, 10%, 87%
XYZ	62.7887, 61.6422, 71.5396
YIQ	208.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

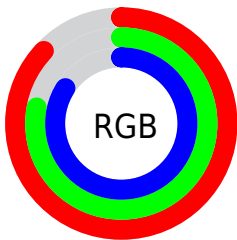
Format	Color
R _Y B	222, 200, 213
Decimal	14600405
CIE Lab	82.72, 9.93, -3.66
CIE LCh	83, 10.586, 339.781
Yxy	61.6422, 0.3204, 0.3145
Android (android.graphics.Color)	4292790485 (0xFFDEC8D5)
YUV	208.0600, 2.4354, 12.2254
Hunter-Lab	78.5125, 5.3545, 0.9345

Details

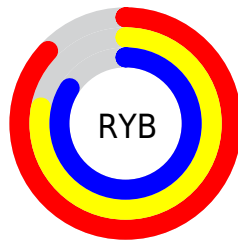
The XYZ color **62.7887, 61.6422, 71.5396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4517, 69.1270, 70.4289**, and the grayscale version is **59.9752, 63.0986, 68.7144**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3868, 31.2419, 36.6711** is the 20% darker color. If you saturate the color by 10%, you get **56.8955, 51.6487, 64.0457**, and if you desaturate by 10%, it is **69.4966, 73.1599, 79.6252**.

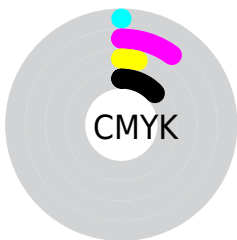
Distribution



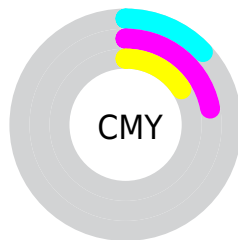
- Red (87%)
- Green (78%)
- Blue (84%)



- Red (87%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7887, 61.6422, 71.5396 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 62.7887, 61.6422, 71.5396 by changing the saturation by 10% instead.

62.7887, 61.6422,
71.5396

62.7887, 61.6422,
71.5396

424.4741,
430.6248, 484.8719

45.9283, 44.7437,
52.2981

107.9481,
107.2082, 123.1034

32.3936, 31.2556,
36.8589

136.9779,
136.6445, 156.2627

21.8193, 20.7935,
24.8033

170.7948,
171.0288, 194.8985

13.8401, 12.9732,
15.7129

209.7642,
210.7456, 239.4292

8.0905, 7.4101,
9.1691

254.2515,
256.1792, 290.2733

4.2052, 3.7199,
4.7533

304.6220,

1.8189, 1.5181,

307.7139, 347.8495

2.0471

361.2411,
365.7343, 412.5761

■ 0.5290, 0.3014,
0.5840

■ 0.0000, 0.0000,
0.0000

■ 62.7887, 61.6422,
71.5396

■ 62.7887, 61.6422,
71.5396

■ 56.8955, 51.6487,
64.0457

■ 69.4966, 73.1599,
79.6252

■ 51.7785, 43.1070,
57.1232

■ 77.0450, 86.2544,
88.3139

■ 47.4041, 35.9505,
50.7565

■ 81.6502, 93.3560,
96.3502

■ 43.7341, 30.1045,
44.9273

■ 83.0358, 93.9103,
103.6467

■ 40.7266, 25.4870,
39.6161

■ 83.9346, 94.2698,
108.3798

■ 38.3349, 22.0068,
34.8016

■ 36.5062, 19.5598,
30.4602

■ 35.1776, 18.0225,
26.5650

■ 34.2406, 17.1797,
23.0733

Harmonies

Analogous

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



61.4316, 61.6422, 77.2088



62.7887, 61.6422, 71.5396



63.0046, 61.6422, 65.0130

Triad

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



62.7887, 61.6422, 71.5396



57.8494, 61.6422, 55.5181



55.2926, 61.6422, 75.4536

Complementary

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



62.7887, 61.6422, 71.5396



61.4517, 69.1270, 70.4289

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.



54.3848, 61.6422, 69.2677



62.7887, 61.6422, 71.5396



55.8356, 61.6422, 57.9468

Square

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



62.7887, 61.6422, 71.5396



60.1133, 61.6422, 56.0393



54.5810, 61.6422, 62.8822



57.0908, 61.6422, 79.5680

Rectangle

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



62.7887, 61.6422, 71.5396



62.4667, 61.6422, 61.0882



54.5810, 61.6422, 62.8822



54.8753, 61.6422, 73.5318

Sweetspot

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



62.7905, 61.6449, 71.5409



92.1580, 95.0158, 105.4701



60.0794, 60.1116, 77.5443



19.5639, 20.0593, 22.3814



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.



62.7905, 61.6449, 71.5409



84.1025, 81.2262, 95.6282



61.4650, 61.1147, 64.5611



14.0453, 13.8358, 16.0089



20.3898, 10.2229, 13.9842



1.4574, 0.7262, 1.2017

Inverse Universe

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



62.7905, 61.6449, 71.5409



84.1025, 81.2262, 95.6282



62.8344, 69.6801, 77.7104



14.0453, 13.8358, 16.0089



20.3898, 10.2229, 13.9842



1.4574, 0.7262, 1.2017

Previews

White Background



This preview shows how the XYZ color 62.7887, 61.6422, 71.5396 looks on a white background.

Color Contrast Check

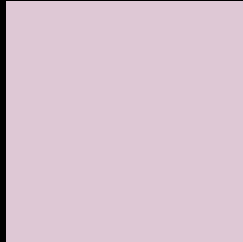
Large Text (above 18pt) WCAG AA × Fail

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 62.7887, 61.6422, 71.5396 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

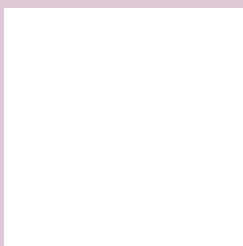
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7887, 61.6422, 71.5396

Background



This preview shows how black text looks on a background with the XYZ color 62.7887, 61.6422, 71.5396.



This preview shows how white text looks on a background with the XYZ color 62.7887, 61.6422,

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

62.7887, 61.6422, 71.5396

Protanopia

59.9581, 61.8859, 73.7508

Deuteranopia

63.0959, 61.8006, 71.5540



Tritanopia

63.0442, 61.7444, 72.8851

Trichromacy



Original Color

62.7887, 61.6422, 71.5396

Protanomaly

60.7731, 61.6152, 72.9798

Deuteranomaly

63.0959, 61.8006, 71.5540

Tritanomaly

62.9161, 61.6932, 72.2103

Monochromacy



Original Color

62.7887, 61.6422, 71.5396

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.9048, 62.4619, 69.8191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7887, 61.6422, 71.5396 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(222, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(222, 200, 213)  
}
```

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(222, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 200, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.7887, 61.6422, 71.5396 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(222, 200, 213) }
```


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

```
.border{ border-color:rgb(222, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 200,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7887, 61.6422, 71.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 200, 213) }
```

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

```
.background{ background-color: rgb(222,  
200, 213) }
```

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