

Converting Colors

XYZ(61.9629, 62.8724, 64.7486)

Have a look what the booklet for
XYZ(61.9629, 62.8724, 64.7486)
contains.

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Color

**XYZ(61.7687, 62.6656,
64.7172)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCCCA
RGB	220, 204, 202
RGB Percent	86%, 80%, 79%
CMY	0.1373, 0.2000, 0.2078
CMYK	0.00, 0.07, 0.08, 0.14
HSL	7°, 20%, 83%
HSV	7°, 8%, 86%
XYZ	61.7687, 62.6656, 64.7172
YIQ	208.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

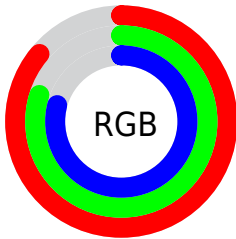
Format	Color
R _Y B	220, 204, 202
Decimal	14470346
CIE Lab	83.27, 5.22, 2.99
CIE LCh	83, 6.017, 29.808
Yxy	62.6656, 0.3266, 0.3313
Android (android.graphics.Color)	4292660426 (0xFFDCCCA)
YUV	208.5560, -3.2321, 10.0364
Hunter-Lab	79.1616, 0.7483, 6.9416

Details

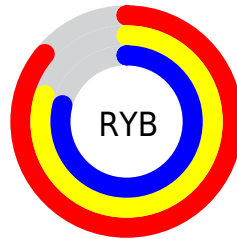
The XYZ color **61.7687, 62.6656, 64.7172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3466, 67.8655, 77.5242**, and the grayscale version is **60.3323, 63.4743, 69.1235**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7687, 31.9501, 32.5096** is the 20% darker color. If you saturate the color by 10%, you get **54.9889, 52.9812, 50.5089**, and if you desaturate by 10%, it is **69.5068, 73.6707, 81.0786**.

Distribution



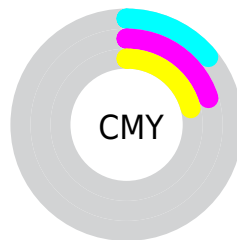
- Red (86%)
- Green (80%)
- Blue (79%)



- Red (86%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7687, 62.6656, 64.7172 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 61.7687, 62.6656, 64.7172 by changing the saturation by 10% instead.

61.7687, 62.6656,
64.7172

61.7687, 62.6656,
64.7172

420.8179,
434.3549, 460.0534

45.1007, 45.5707,
46.7819

106.4830,
108.6869, 113.2526

31.7384, 31.9072,
32.5102

135.2600,
138.3822, 144.6897

21.3163, 21.2906,
21.4834

168.8041,
173.0464, 181.4646

13.4692, 13.3366,
13.2832

207.4806,
213.0639, 223.9957

7.8316, 7.6607,
7.4908

251.6549,
258.8191, 272.7016

4.0383, 3.8786,
3.6878

301.6923,

1.7238, 1.6059,

310.6964, 328.0008

1.4557

357.9582,
369.0802, 390.3119

■ 0.4711, 0.3616,
0.1846

■ 0.0000, 0.0000,
0.0000

■ 61.7687, 62.6656,
64.7172

■ 61.7687, 62.6656,
64.7172

■ 54.9889, 52.9812,
50.5089

■ 69.5068, 73.6707,
81.0786

■ 49.1249, 44.5599,
38.3601

■ 78.2330, 86.0350,
99.6732

■ 44.1389, 37.3521,
28.1763

■ 83.3255, 93.9558,
108.3513

■ 39.9883, 31.3017,
19.8541

■ 36.6272, 26.3483,
13.2807

■ 34.0049, 22.4258,
8.3308

■ 32.0650, 19.4612,
4.8628

■ 30.7425, 17.3715,
2.7100

■ 29.9538, 16.0573,
1.6355

Harmonies

Analogous

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



62.1099, 62.6656, 68.2563



61.7687, 62.6656, 64.7172



60.8343, 62.6656, 62.1994

Triad

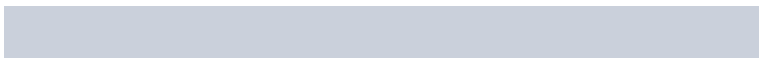
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.7687, 62.6656, 64.7172



57.4163, 62.6656, 64.6769



59.5534, 62.6656, 75.6841

Complementary

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



61.7687, 62.6656, 64.7172



62.3466, 67.8655, 77.5242

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.



58.3071, 62.6656, 74.6430



61.7687, 62.6656, 64.7172



57.0843, 62.6656, 68.2081

Square

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



61.7687, 62.6656, 64.7172



58.3215, 62.6656, 62.1767



57.4080, 62.6656, 71.8722



60.8196, 62.6656, 74.6686

Rectangle

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



61.7687, 62.6656, 64.7172



60.0075, 62.6656, 61.3919



57.4080, 62.6656, 71.8722



59.1183, 62.6656, 75.5626

Sweetspot

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



61.7705, 62.6683, 64.7185



92.8108, 96.8181, 104.1564



63.3176, 62.5300, 75.2000



19.8888, 20.7564, 22.3434



0.0000, 0.0000, 0.0000



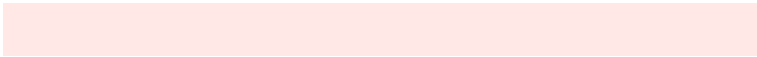
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7705, 62.6683, 64.7185



84.4049, 84.8493, 86.4242



63.9206, 66.9687, 65.4353



13.1722, 13.2837, 13.5953



17.5602, 9.4060, 0.8900



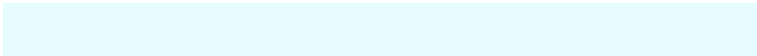
1.1777, 0.6894, 0.0710

Inverse Universe

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



62.3466, 67.8655, 77.5242



85.3839, 93.6825, 108.1901



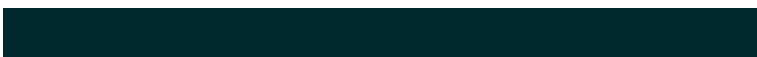
60.1258, 63.4239, 76.7839



13.3146, 14.5690, 16.7625



19.1531, 26.1756, 43.7813



1.2769, 1.7679, 2.8484

Previews

White Background



This preview shows how the XYZ color 61.7687, 62.6656, 64.7172 looks on a white background.

Color Contrast Check

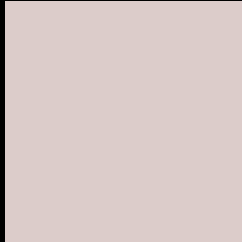
Large Text (above 18pt) WCAG AA × Fail

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 61.7687, 62.6656, 64.7172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

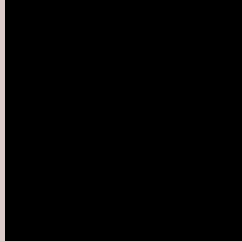
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7687, 62.6656, 64.7172

Background



This preview shows how black text looks on a background with the XYZ color 61.7687, 62.6656, 64.7172.



This preview shows how white text looks on a background with the XYZ color 61.7687, 62.6656,

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

61.7687, 62.6656, 64.7172

Protanopia

60.2437, 62.9345, 65.4723

Deuteranopia

63.9792, 62.7431, 65.2385



Tritanopia

63.7691, 62.7804, 74.4025

Trichromacy



Original Color

61.7687, 62.6656, 64.7172

Protanomaly

60.8751, 62.9015, 65.4326

Deuteranomaly

63.2641, 62.7216, 65.2720

Tritanomaly

63.0584, 62.8375, 71.0927

Monochromacy



Original Color

61.7687, 62.6656, 64.7172

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8940, 63.2280, 67.3873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7687, 62.6656, 64.7172 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, 204, 202)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 202)  
}
```

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, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 202) }
```

Border

The CSS property to change the border of an element to XYZ 61.7687, 62.6656, 64.7172 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, 204, 202) }
```


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

```
.border{ border-color:rgb(220, 204, 202) }
```

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

Here you see how a box with a 4 pixel rgb(220, 204, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(220, 204,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7687, 62.6656, 64.7172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 202) }
```

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

```
.background{ background-color: rgb(220,  
204, 202) }
```

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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