

Converting Colors

XYZ(61.6932, 62.6179, 61.7161)

Have a look what the booklet for
XYZ(61.6932, 62.6179, 61.7161)
contains.

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Color

**XYZ(61.7951, 62.7465,
61.6777)**

Conversions

Conversions Part 1

Format	Color
Hex	DECCC5
RGB	222, 204, 197
RGB Percent	87%, 80%, 77%
CMY	0.1294, 0.2000, 0.2274
CMYK	0.00, 0.08, 0.11, 0.13
HSL	17°, 27%, 82%
HSV	17°, 11%, 87%
XYZ	61.7951, 62.7465, 61.6777
YIQ	208.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

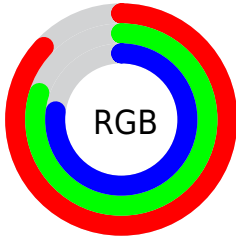
Format	Color
R _Y B	222, 207, 197
Decimal	14601413
CIE Lab	83.31, 5.10, 5.74
CIE LCh	83, 7.677, 48.385
Yxy	62.7465, 0.3318, 0.3369
Android (android.graphics.Color)	4292791493 (0xFFDECCC5)
YUV	208.5840, -5.7109, 11.7658
Hunter-Lab	79.2127, 0.6285, 9.2837

Details

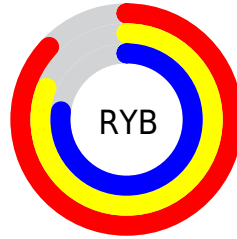
The XYZ color **61.7951, 62.7465, 61.6777** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5110, 65.7440, 78.6085**, and the grayscale version is **60.3649, 63.5086, 69.1608**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **31.8006, 32.0114, 30.4893** is the 20% darker color. If you saturate the color by 10%, you get **55.8314, 54.5941, 48.0504**, and if you desaturate by 10%, it is **68.5267, 71.8338, 77.4107**.

Distribution



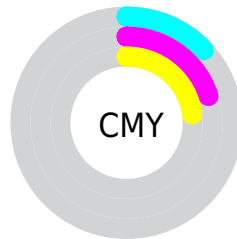
- Red (87%)
- Green (80%)
- Blue (77%)



- Red (87%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7951, 62.7465, 61.6777 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 61.7951, 62.7465, 61.6777 by changing the saturation by 10% instead.

61.7951, 62.7465,
61.6777

61.7951, 62.7465,
61.6777

420.9128,
434.6489, 448.7296

45.1221, 45.6362,
44.3382

106.5209,
108.8037, 108.8267

31.7553, 31.9588,
30.5973

135.3045,
138.5194, 139.4732

21.3293, 21.3300,
20.0365

168.8557,
173.2056, 175.3925

13.4788, 13.3655,
12.2373

207.5398,
213.2468, 217.0032

7.8383, 7.6807,
6.7810

251.7222,
259.0273, 264.7237

4.0426, 3.8913,
3.2491

301.7683,

1.7263, 1.6130,

310.9315, 318.9725

1.2232

358.0433,
369.3440, 380.1683

■ 0.4726, 0.3663,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7951, 62.7465,
61.6777

■ 61.7951, 62.7465,
61.6777

■ 55.8314, 54.5941,
48.0504

■ 68.5267, 71.8338,
77.4107

■ 50.6023, 47.3383,
36.4348

■ 76.0476, 81.8763,
95.3296

■ 46.0799, 40.9505,
26.7361

■ 82.9683, 92.3374,
108.0577

■ 42.2322, 35.3971,
18.8500

■ 83.9345, 94.2697,
108.3798

■ 39.0247, 30.6426,
12.6621

■ 36.4196, 26.6484,
8.0450

■ 34.3747, 23.3728,
4.8529

■ 32.8410, 20.7691,
2.9121

■ 31.8577, 18.9962,
1.9875

Harmonies

Analogous

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



62.7357, 62.7465, 65.4627



61.7951, 62.7465, 61.6777



60.2870, 62.7465, 59.7085

Triad

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



61.7951, 62.7465, 61.6777



56.5506, 62.7465, 66.4868



60.6564, 62.7465, 77.4170

Complementary

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



61.7951, 62.7465, 61.6777



60.5110, 65.7440, 78.6085

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.



58.9950, 62.7465, 77.7227



61.7951, 62.7465, 61.6777



56.6453, 62.7465, 71.2599

Square

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



61.7951, 62.7465, 61.6777



57.2718, 62.7465, 62.3973



57.5330, 62.7465, 75.4234



62.0699, 62.7465, 74.6067

Rectangle

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



61.7951, 62.7465, 61.6777



59.1720, 62.7465, 59.6263



57.5330, 62.7465, 75.4234



60.1078, 62.7465, 77.8207

Sweetspot

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



61.7968, 62.7493, 61.6790



92.1109, 96.0537, 101.9646



62.3999, 60.3865, 72.8825



19.5510, 20.3380, 21.4378



0.0000, 0.0000, 0.0000



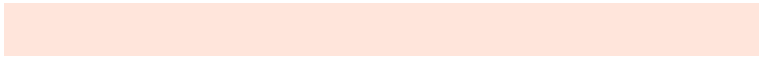
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7968, 62.7493, 61.6790



82.1685, 82.5959, 78.8370



64.8016, 68.7588, 62.6806



14.0183, 14.3226, 14.3325



19.0038, 11.4455, 1.2076



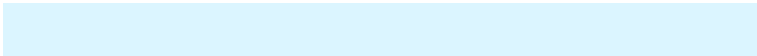
1.3916, 0.9421, 0.1085

Inverse Universe

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



60.5110, 65.7440, 78.6085



80.0057, 87.6305, 107.3054



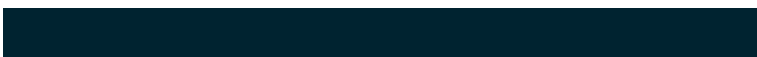
57.5282, 59.7784, 77.6142



13.7751, 14.8892, 17.5356



15.3766, 18.2228, 43.7553



1.1402, 1.4119, 3.0577

Previews

White Background



This preview shows how the XYZ color 61.7951, 62.7465, 61.6777 looks on a white background.

Color Contrast Check

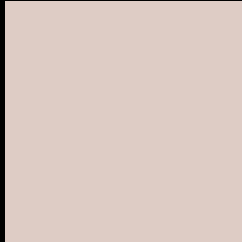
Large Text (above 18pt) WCAG AA × Fail

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 61.7951, 62.7465, 61.6777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

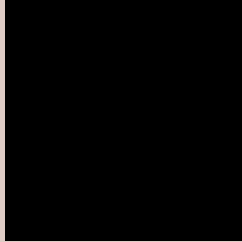
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7951, 62.7465, 61.6777

Background



This preview shows how black text looks on a background with the XYZ color 61.7951, 62.7465, 61.6777.

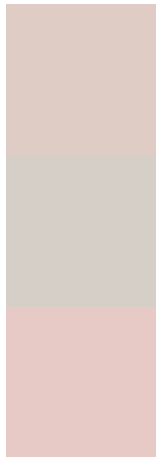


This preview shows how white text looks on a background with the XYZ color 61.7951, 62.7465,

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

61.7951, 62.7465, 61.6777

Protanopia

60.0622, 62.8953, 63.0072

Deuteranopia

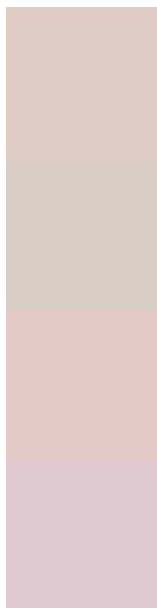
64.0347, 62.8394, 62.1803



Tritanopia

64.4624, 62.7906, 74.3679

Trichromacy



Original Color

61.7951, 62.7465, 61.6777

Protanomaly

60.5833, 62.8188, 62.3582

Deuteranomaly

63.3085, 62.8123, 62.2133

Tritanomaly

63.4939, 62.7415, 69.7366

Monochromacy



Original Color

61.7951, 62.7465, 61.6777

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.0638, 63.3296, 66.7630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7951, 62.7465, 61.6777 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, 204, 197)` looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 197)  
}
```

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, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 197) }
```

Border

The CSS property to change the border of an element to XYZ 61.7951, 62.7465, 61.6777 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, 204, 197) }
```


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

```
.border{ border-color:rgb(222, 204, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 204, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 204, 197); box-shadow:4px 4px 4px 4px rgb(222, 204, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7951, 62.7465, 61.6777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 197) }
```

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

```
.background{ background-color: rgb(222,  
204, 197) }
```

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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