

Converting Colors

XYZ(62.1707, 64.5813, 60.0964)

Have a look what the booklet for
XYZ(62.1707, 64.5813, 60.0964)
contains.

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Color

**XYZ(62.1123, 64.3789,
60.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD0C2
RGB	221, 208, 194
RGB Percent	87%, 82%, 76%
CMY	0.1333, 0.1843, 0.2392
CMYK	0.00, 0.06, 0.12, 0.13
HSL	31°, 28%, 81%
HSV	31°, 12%, 87%
XYZ	62.1123, 64.3789, 60.1916
YIQ	210.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

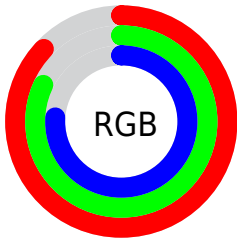
Format	Color
R _Y B	219, 221, 194
Decimal	14536898
CIE Lab	84.16, 2.16, 8.55
CIE LCh	84, 8.819, 75.838
Yxy	64.3789, 0.3327, 0.3449
Android (android.graphics.Color)	4292726978 (0xFFDDD0C2)
YUV	210.2910, -8.0315, 9.3918
Hunter-Lab	80.2365, -2.2342, 11.6875

Details

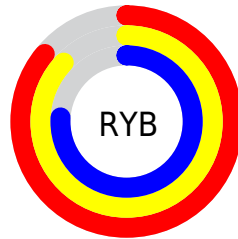
The XYZ color **62.1123, 64.3789, 60.1916** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6120, 61.3144, 77.2058**, and the grayscale version is **61.4967, 64.6993, 70.4575**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **32.0151, 33.1116, 29.5148** is the 20% darker color. If you saturate the color by 10%, you get **57.3059, 58.4468, 47.2411**, and if you desaturate by 10%, it is **67.4654, 70.8123, 75.1470**.

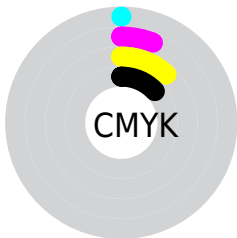
Distribution



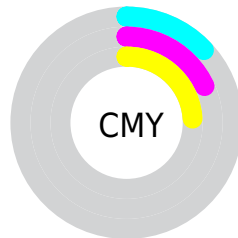
- Red (87%)
- Green (82%)
- Blue (76%)



- Red (86%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1123, 64.3789, 60.1916 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 62.1123, 64.3789, 60.1916 by changing the saturation by 10% instead.

62.1123, 64.3789,
60.1916

62.1123, 64.3789,
60.1916

422.0516,
440.5566, 443.1279

45.3794, 46.9576,
43.1468

106.9768,
111.1564, 106.6536

31.9589, 33.0022,
29.6680

135.8392,
141.2815, 136.9080

21.4855, 22.1281,
19.3369

169.4754,
176.4099, 172.4025

13.5938, 13.9511,
11.7347

208.2508,
216.9261, 213.5559

7.9185, 8.0866,
6.4429

252.5308,
263.2145, 260.7865

4.0942, 4.1504,
3.0431

302.6807,

1.7556, 1.7581,

315.6595, 314.5131

1.1167

359.0658,
374.6454, 375.1540

■ 0.4907, 0.4608,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1123, 64.3789,
60.1916

■ 62.1123, 64.3789,
60.1916

■ 57.3059, 58.4468,
47.2411

■ 67.4654, 70.8123,
75.1470

■ 53.0213, 52.9942,
36.2047

■ 73.3784, 77.7512,
92.1844

■ 49.2393, 48.0099,
26.9908

■ 79.0051, 84.8642,
106.8242

■ 45.9373, 43.4793,
19.4983

■ 82.2276, 91.3093,
107.8983

■ 43.0909, 39.3866,
13.6166

■ 83.6291, 94.1123,
108.3655

■ 40.6728, 35.7146,
9.2216

■ 38.6523, 32.4447,
6.1709

■ 36.9930, 29.5557,
4.2937

■ 35.9072, 27.5485,
3.4249

Harmonies

Analogous

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



63.8401, 64.3789, 62.6722



62.1123, 64.3789, 60.1916



60.1725, 64.3789, 60.2651

Triad

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



62.1123, 64.3789, 60.1916



57.6530, 64.3789, 73.0697



63.9199, 64.3789, 77.8492

Complementary

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



62.1123, 64.3789, 60.1916



57.6120, 61.3144, 77.2058

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.



62.2194, 64.3789, 80.9455



62.1123, 64.3789, 60.1916



58.6147, 64.3789, 78.0877

Square

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



62.1123, 64.3789, 60.1916



57.6258, 64.3789, 67.5027



60.2773, 64.3789, 81.0350



64.8987, 64.3789, 72.7583

Rectangle

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



62.1123, 64.3789, 60.1916



59.0208, 64.3789, 61.7468



60.2773, 64.3789, 81.0350



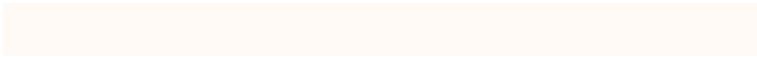
63.4122, 64.3789, 79.1695

Sweetspot

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



62.1141, 64.3817, 60.1930



91.9046, 96.2678, 99.9638



60.3800, 58.4641, 67.1667



19.5478, 20.4578, 21.0478



0.0000, 0.0000, 0.0000



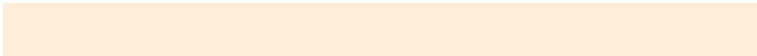
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1141, 64.3817, 60.1930



83.8972, 86.5873, 77.7665



65.2768, 70.9104, 61.2864



13.6119, 14.1631, 13.7419



20.9730, 16.2315, 2.0276



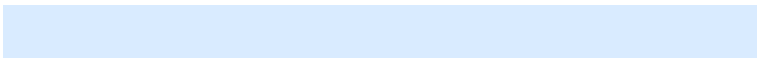
1.4449, 1.2238, 0.1601

Inverse Universe

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



57.6120, 61.3144, 77.2058



76.3455, 81.4424, 106.3039



54.7076, 55.3339, 76.2045



12.8533, 13.6463, 16.6087



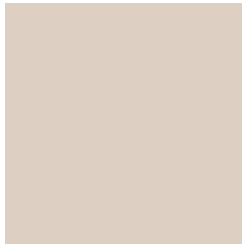
10.7105, 9.2903, 40.9671



0.7799, 0.7739, 2.6827

Previews

White Background



This preview shows how the XYZ color 62.1123, 64.3789, 60.1916 looks on a white background.

Color Contrast Check

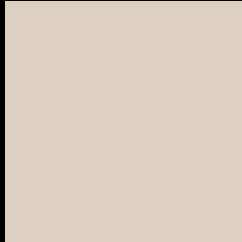
Large Text (above 18pt) WCAG AA × Fail

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 62.1123, 64.3789, 60.1916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

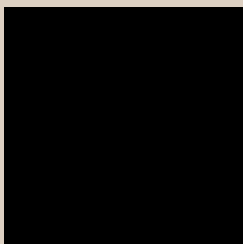
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

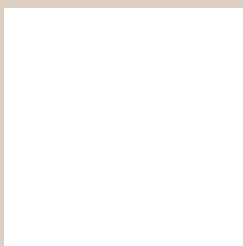
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1123, 64.3789, 60.1916

Background



This preview shows how black text looks on a background with the XYZ color 62.1123, 64.3789, 60.1916.



This preview shows how white text looks on a background with the XYZ color 62.1123, 64.3789,

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

62.1123, 64.3789, 60.1916

Protanopia

61.2661, 64.2928, 60.8104

Deuteranopia

65.7983, 64.4849, 60.6086



Tritanopia

65.5625, 64.3606, 76.6775

Trichromacy



Original Color

62.1123, 64.3789, 60.1916

Protanomaly

61.5642, 64.4465, 60.8244

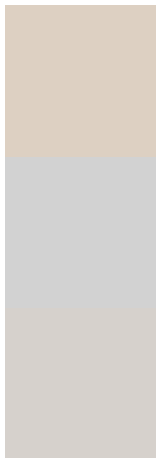
Deuteranomaly

64.6366, 64.5917, 60.6905

Tritanomaly

64.3297, 64.2131, 70.6318

Monochromacy



Original Color

62.1123, 64.3789, 60.1916

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.4311, 64.2567, 66.2918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1123, 64.3789, 60.1916 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(221, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 194)  
}
```

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(221, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 194) }
```

Border

The CSS property to change the border of an element to XYZ 62.1123, 64.3789, 60.1916 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(221, 208, 194) }
```


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

```
.border{ border-color:rgb(221, 208, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(221, 208,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1123, 64.3789, 60.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 194) }
```

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

```
.background{ background-color: rgb(221,  
208, 194) }
```

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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