

Converting Colors

XYZ(61.0954, 62.9988, 62.6993)

Have a look what the booklet for
XYZ(61.0954, 62.9988, 62.6993)
contains.

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Color

**XYZ(61.2936, 63.1716,
62.9956)**

Conversions

Conversions Part 1

Format	Color
Hex	DACEC7
RGB	218, 206, 199
RGB Percent	85%, 81%, 78%
CMY	0.1451, 0.1921, 0.2196
CMYK	0.00, 0.06, 0.09, 0.15
HSL	22°, 20%, 82%
HSV	22°, 9%, 85%
XYZ	61.2936, 63.1716, 62.9956
YIQ	208.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

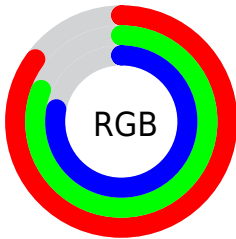
Format	Color
R _Y B	218, 210, 199
Decimal	14339783
CIE Lab	83.53, 2.96, 4.95
CIE LCh	84, 5.771, 59.156
Yxy	63.1716, 0.3270, 0.3370
Android (android.graphics.Color)	4292529863 (0xFFDACEC7)
YUV	208.7900, -4.8265, 8.0772
Hunter-Lab	79.4806, -1.4359, 8.6437

Details

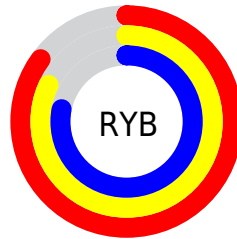
The XYZ color **61.2936, 63.1716, 62.9956** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5022, 63.7915, 75.5074**, and the grayscale version is **60.4952, 63.6456, 69.3101**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4433, 32.2873, 31.3629** is the 20% darker color. If you saturate the color by 10%, you get **55.7724, 55.8933, 49.5492**, and if you desaturate by 10%, it is **67.4712, 71.1808, 78.4512**.

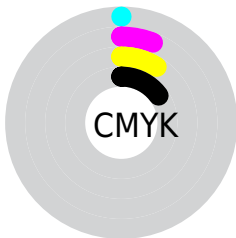
Distribution



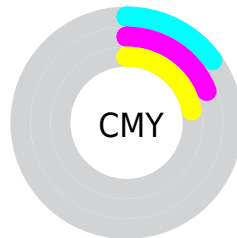
- Red (85%)
- Green (81%)
- Blue (78%)



- Red (85%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2936, 63.1716, 62.9956 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 61.2936, 63.1716, 62.9956 by changing the saturation by 10% instead.

■ 61.2936, 63.1716,
62.9956

■ 61.2936, 63.1716,
62.9956

419.1084,
436.1920, 453.6610

■ 44.7156, 45.9800,
45.3967

105.7996,
109.4170, 110.7487

■ 31.4338, 32.2301,
31.4248

134.4584,
139.2397, 141.7399

■ 21.0828, 21.5373,
20.6613

167.8748,
174.0416, 178.0323

■ 13.2974, 13.5173,
12.6879

206.4141,
214.2069, 220.0445

■ 7.7120, 7.7857,
7.0858

250.4418,
260.1203, 268.1949

■ 3.9615, 3.9581,
3.4365

300.3232,

■ 1.6804, 1.6502,

312.1660, 322.9021

1.3216

356.4236,
370.7284, 384.5846

■ 0.4439, 0.3911,
0.0794

■ 0.0000, 0.0000,
0.0000

■ 61.2936, 63.1716,
62.9956

■ 61.2936, 63.1716,
62.9956

■ 55.7724, 55.8933,
49.5492

■ 67.4712, 71.1808,
78.4512

■ 50.8795, 49.3168,
38.0247

■ 74.3214, 79.9328,
95.9904

■ 46.5926, 43.4228,
28.3344

■ 80.3155, 88.8290,
107.5204

■ 42.8859, 38.1880,
20.3819

■ 82.7238, 93.6456,
108.3231

■ 39.7314, 33.5880,
14.0621

■ 37.0987, 29.5962,
9.2583

■ 34.9540, 26.1842,
5.8381

■ 33.2582, 23.3205,
3.6457

■ 31.9562, 20.9660,
2.4430

Harmonies

Analogous

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



62.1837, 63.1716, 65.4575



61.2936, 63.1716, 62.9956



60.0784, 63.1716, 62.0752

Triad

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



61.2936, 63.1716, 62.9956



57.6524, 63.1716, 68.6809



61.2309, 63.1716, 75.0230

Complementary

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



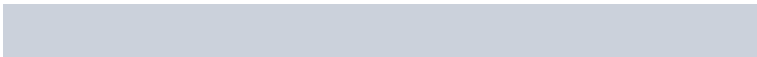
61.2936, 63.1716, 62.9956



59.5022, 63.7915, 75.5074

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.



60.0070, 63.1716, 75.9577



61.2936, 63.1716, 62.9956



57.9514, 63.1716, 72.2196

Square

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



61.2936, 63.1716, 62.9956



57.9863, 63.1716, 65.2863



58.8090, 63.1716, 74.9147



62.1472, 63.1716, 72.4027

Rectangle

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



61.2936, 63.1716, 62.9956



59.2511, 63.1716, 62.4340



58.8090, 63.1716, 74.9147



60.8413, 63.1716, 75.5487

Sweetspot

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



61.2954, 63.1744, 62.9970



92.3210, 96.4740, 102.0346



61.0998, 60.4580, 70.1000



19.6075, 20.4512, 21.4566



0.0000, 0.0000, 0.0000



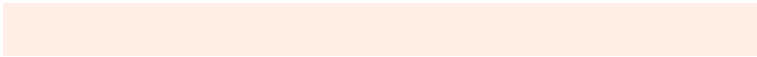
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2954, 63.1744, 62.9970



86.2900, 88.6196, 87.0526



63.6425, 67.8687, 63.7793



13.4472, 13.8337, 13.6870



19.1511, 12.5877, 1.4203



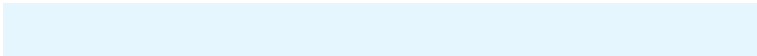
1.3214, 0.9769, 0.1189

Inverse Universe

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



59.5022, 63.7915, 75.5074



83.3571, 89.6288, 107.5144



57.2201, 59.2274, 74.7467



13.0204, 13.9806, 16.6644



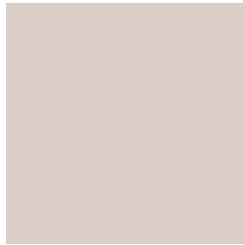
13.1015, 14.0725, 41.7641



0.9300, 1.0742, 2.7328

Previews

White Background



This preview shows how the XYZ color 61.2936, 63.1716, 62.9956 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 61.2936, 63.1716, 62.9956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

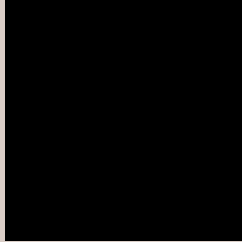
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

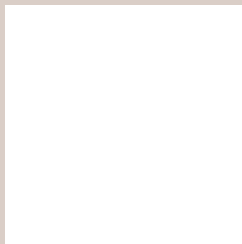
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2936, 63.1716, 62.9956

Background



This preview shows how black text looks on a background with the XYZ color 61.2936, 63.1716, 62.9956.

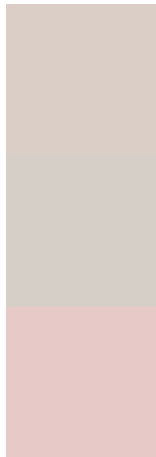


This preview shows how white text looks on a background with the XYZ color 61.2936, 63.1716,

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

61.2936, 63.1716, 62.9956

Protanopia

60.4697, 63.0919, 63.6344

Deuteranopia

64.2670, 62.9323, 63.4035



Tritanopia

63.9609, 63.1985, 75.8453

Trichromacy



Original Color

61.2936, 63.1716, 62.9956

Protanomaly

60.7625, 63.2429, 63.6481

Deuteranomaly

63.1453, 63.0508, 63.4855

Tritanomaly

62.9917, 63.1548, 71.1574

Monochromacy



Original Color

61.2936, 63.1716, 62.9956

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7267, 63.5166, 66.8169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2936, 63.1716, 62.9956 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(218, 206, 199) looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 199)  
}
```

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(218, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.2936, 63.1716, 62.9956 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(218, 206, 199) }
```


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

```
.border{ border-color:rgb(218, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 206, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 206, 199);  
box-shadow:4px 4px 4px 4px rgb(218, 206,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2936, 63.1716, 62.9956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 206, 199) }
```

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

```
.background{ background-color: rgb(218,  
206, 199) }
```

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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