

Converting Colors

XYZ(63.3219, 63.7014, 62.5504)

Have a look what the booklet for
XYZ(63.3219, 63.7014, 62.5504)
contains.

XYZ(63.3884, 63.9086, 62.4207)	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(63.3884, 63.9086,
62.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CDC6
RGB	226, 205, 198
RGB Percent	89%, 80%, 78%
CMY	0.1137, 0.1961, 0.2235
CMYK	0.00, 0.09, 0.12, 0.11
HSL	15°, 33%, 83%
HSV	15°, 12%, 89%
XYZ	63.3884, 63.9086, 62.4207
YIQ	210.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

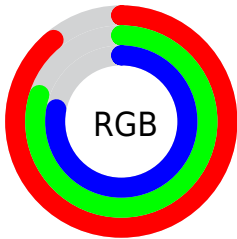
Format	Color
R _Y B	226, 207, 198
Decimal	14863814
CIE Lab	83.92, 6.16, 6.13
CIE LCh	84, 8.691, 44.837
Yxy	63.9086, 0.3341, 0.3369
Android (android.graphics.Color)	4293053894 (0xFFE2CDC6)
YUV	210.4810, -6.1531, 13.6102
Hunter-Lab	79.9429, 1.6365, 9.6654

Details

The XYZ color **63.3884, 63.9086, 62.4207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3474, 68.1584, 81.8220**, and the grayscale version is **61.6086, 64.8170, 70.5858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8952, 32.8048, 30.9837** is the 20% darker color. If you saturate the color by 10%, you get **57.1374, 55.2714, 48.4214**, and if you desaturate by 10%, it is **70.4710, 73.5853, 78.6177**.

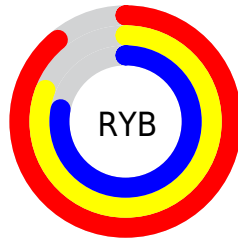
Distribution



Red (89%)

Green (80%)

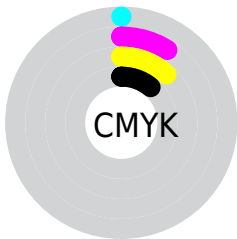
Blue (78%)



Red (89%)

Yellow (81%)

Blue (78%)

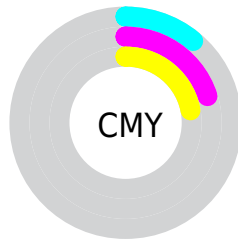


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3884, 63.9086, 62.4207 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 63.3884, 63.9086, 62.4207 by changing the saturation by 10% instead.

63.3884, 63.9086,
62.4207

63.3884, 63.9086,
62.4207

426.6150,
438.8595, 451.5140

46.4153, 46.5767,
44.9347

108.8083,
110.4793, 109.9108

32.7797, 32.7011,
31.0634

137.9859,
140.4868, 140.7521

22.1162, 21.8976,
20.3883

171.9623,
175.4883, 176.8821

14.0594, 13.7817,
12.4907

211.1030,
215.8682, 218.7196

8.2439, 7.9690,
6.9522

255.7732,
262.0109, 266.6829

4.3045, 4.0751,
3.3543

306.3384,

1.8758, 1.7157,

314.3007, 321.1908

1.2782

363.1639,
373.1221, 382.6616

■ 0.5627, 0.4338,
0.0439

■ 0.0000, 0.0000,
0.0000

■ 63.3884, 63.9086,
62.4207

■ 63.3884, 63.9086,
62.4207

■ 57.1374, 55.2714,
48.4214

■ 70.4710, 73.5853,
78.6177

■ 51.6818, 47.6304,
36.5206

■ 78.4094, 84.3260,
97.0977

■ 46.9900, 40.9518,
26.6178

■ 85.1743, 94.9089,
108.4378

■ 43.0267, 35.1966,
18.6022

■ 39.7533, 30.3232,
12.3523

■ 37.1275, 26.2864,
7.7323

■ 35.1020, 23.0369,
4.5862

■ 33.6219, 20.5195,
2.7272

■ 32.8045, 19.0492,
1.9479

Harmonies

Analogous

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



64.3678, 63.9086, 66.9234



63.3884, 63.9086, 62.4207



61.7102, 63.9086, 59.9074

Triad

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



63.3884, 63.9086, 62.4207



57.2625, 63.9086, 66.8671



61.6898, 63.9086, 80.2708

Complementary

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



63.3884, 63.9086, 62.4207



62.3474, 68.1584, 81.8220

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.



59.7864, 63.9086, 80.2538



63.3884, 63.9086, 62.4207



57.2573, 63.9086, 72.3175

Square

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



63.3884, 63.9086, 62.4207



58.1870, 63.9086, 62.3813



58.1726, 63.9086, 77.2788



63.3732, 63.9086, 77.3242

Rectangle

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



63.3884, 63.9086, 62.4207



60.4336, 63.9086, 59.6100



58.1726, 63.9086, 77.2788



61.0538, 63.9086, 80.6163

Sweetspot

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



63.3902, 63.9114, 62.4221



91.0593, 94.5771, 99.6821



64.3451, 61.6723, 75.5312



19.3342, 20.0305, 20.9766



0.0000, 0.0000, 0.0000



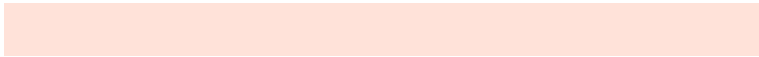
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3902, 63.9114, 62.4221



81.0148, 80.8226, 76.8057



66.8893, 70.9098, 63.5885



13.9844, 14.2548, 14.3212



18.7944, 11.0266, 1.1378



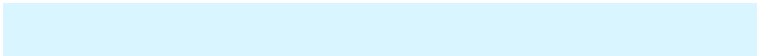
1.3732, 0.9052, 0.1024

Inverse Universe

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



62.3474, 68.1584, 81.8220



79.3742, 87.4999, 107.3134



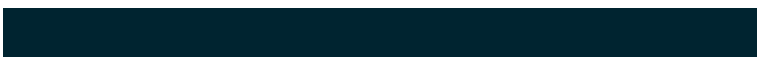
58.8483, 61.1603, 80.6557



13.8111, 14.9613, 17.5476



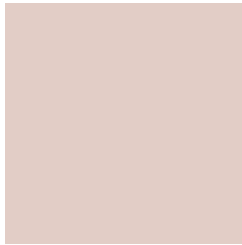
16.0742, 19.6179, 43.9878



1.1838, 1.4990, 3.0722

Previews

White Background



This preview shows how the XYZ color 63.3884, 63.9086, 62.4207 looks on a white background.

Color Contrast Check

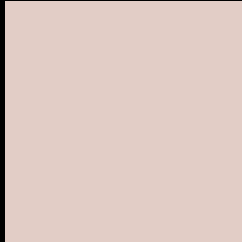
Large Text (above 18pt) WCAG AA × Fail

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 63.3884, 63.9086, 62.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

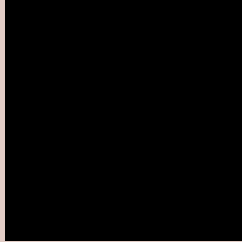
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3884, 63.9086, 62.4207

Background



This preview shows how black text looks on a background with the XYZ color 63.3884, 63.9086, 62.4207.

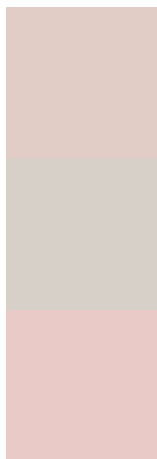


This preview shows how white text looks on a background with the XYZ color 63.3884, 63.9086,

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

63.3884, 63.9086, 62.4207

Protanopia

61.0055, 63.7290, 63.7292

Deuteranopia

65.3610, 63.8570, 62.9136



Tritanopia

66.0885, 63.9610, 75.1921

Trichromacy



Original Color

63.3884, 63.9086, 62.4207

Protanomaly

61.8350, 63.8092, 63.0902

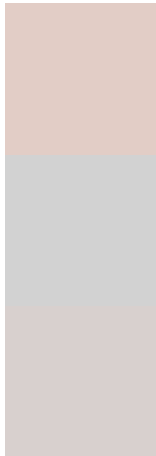
Deuteranomaly

64.6197, 63.8243, 62.9463

Tritanomaly

65.1087, 63.9090, 70.5321

Monochromacy



Original Color

63.3884, 63.9086, 62.4207

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.0154, 64.1669, 67.5094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3884, 63.9086, 62.4207 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(226, 205, 198)` looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 198)  
}
```

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(226, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 198) }
```

Border

The CSS property to change the border of an element to XYZ 63.3884, 63.9086, 62.4207 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(226, 205, 198) }
```


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

```
.border{ border-color:rgb(226, 205, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 205, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 205, 198); box-shadow:4px 4px 4px 4px rgb(226, 205, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3884, 63.9086, 62.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 198) }
```

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

```
.background{ background-color: rgb(226,  
205, 198) }
```

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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