

Converting Colors

XYZ(63.4992, 63.3895, 64.3926)

Have a look what the booklet for
XYZ(63.4992, 63.3895, 64.3926)
contains.

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Color

**XYZ(63.4995, 63.5715,
64.1821)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CCC9
RGB	226, 204, 201
RGB Percent	89%, 80%, 79%
CMY	0.1137, 0.2000, 0.2118
CMYK	0.00, 0.10, 0.11, 0.11
HSL	7°, 30%, 84%
HSV	7°, 11%, 89%
XYZ	63.4995, 63.5715, 64.1821
YIQ	210.2360, 14.0750, 3.7310

Conversions

Conversions Part 2

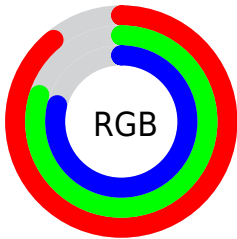
Format	Color
R _Y B	226, 204, 201
Decimal	14863561
CIE Lab	83.74, 7.18, 4.28
CIE LCh	84, 8.354, 30.790
Yxy	63.5715, 0.3320, 0.3324
Android (android.graphics.Color)	4293053641 (0xFFE2CCC9)
YUV	210.2360, -4.5533, 13.8250
Hunter-Lab	79.7317, 2.6294, 8.0852

Details

The XYZ color **63.4995, 63.5715, 64.1821** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2023, 70.6825, 82.2115**, and the grayscale version is **61.4375, 64.6371, 70.3897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9674, 32.5772, 32.1542** is the 20% darker color. If you saturate the color by 10%, you get **56.6062, 53.7306, 49.7187**, and if you desaturate by 10%, it is **71.3910, 74.7813, 80.9096**.

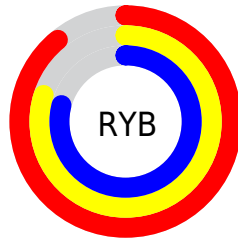
Distribution



Red (89%)

Green (80%)

Blue (79%)



Red (89%)

Yellow (80%)

Blue (79%)

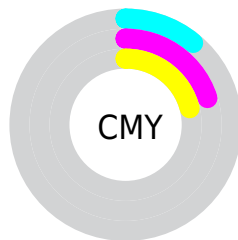


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4995, 63.5715, 64.1821 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 63.4995, 63.5715, 64.1821 by changing the saturation by 10% instead.

63.4995, 63.5715,
64.1821

63.4995, 63.5715,
64.1821

427.0109,
437.6406, 458.0724

46.5056, 46.3037,
46.3511

108.9676,
109.9936, 112.4751

32.8513, 32.4855,
32.1723

138.1725,
139.9167, 143.7742

22.1712, 21.7326,
21.2272

172.1784,
174.8270, 180.3997

14.1001, 13.6606,
13.0973

211.3507,
215.1089, 222.7702

8.2725, 7.8850,
7.3641

256.0547,
261.1468, 271.3041

4.3231, 4.0214,
3.6089

306.6559,

1.8865, 1.6856,

313.3252, 326.4201

1.4134

363.5195,
372.0283, 388.5367

■ 0.5690, 0.4143,
0.1521

■ 0.0000, 0.0000,
0.0000

■ 63.4995, 63.5715,
64.1821

■ 63.4995, 63.5715,
64.1821

■ 56.6062, 53.7306,
49.7187

■ 71.3910, 74.7813,
80.9096

■ 50.6661, 45.1981,
37.4181

■ 80.3127, 87.4008,
99.9883

■ 45.6385, 37.9212,
27.1774

■ 85.1743, 94.9089,
108.4378

■ 41.4780, 31.8406,
18.8837

■ 38.1350, 26.8919,
12.4135

■ 35.5549, 23.0048,
7.6286

■ 33.6764, 20.1011,
4.3714

■ 32.4281, 18.0915,
2.4541

■ 31.7598, 16.9599,
1.5997

Harmonies

Analogous

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



64.0137, 63.5715, 69.0796



63.4995, 63.5715, 64.1821



62.1581, 63.5715, 60.7817

Triad

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



63.4995, 63.5715, 64.1821



57.4002, 63.5715, 64.4113



60.4714, 63.5715, 79.8033

Complementary

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



63.4995, 63.5715, 64.1821



64.2023, 70.6825, 82.2115

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.



58.7201, 63.5715, 78.4021



63.4995, 63.5715, 64.1821



56.9688, 63.5715, 69.3577

Square

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



63.4995, 63.5715, 64.1821



58.6376, 63.5715, 60.9092



57.4471, 63.5715, 74.5118



62.2438, 63.5715, 78.2512

Rectangle

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



63.4995, 63.5715, 64.1821



60.9884, 63.5715, 59.7307



57.4471, 63.5715, 74.5118



59.8608, 63.5715, 79.6614

Sweetspot

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



63.5013, 63.5743, 64.1835



91.7328, 95.2975, 101.8385



65.5820, 63.2752, 78.6285



19.4493, 20.1347, 21.4039



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.



63.5013, 63.5743, 64.1835



81.5557, 80.8279, 80.3048



66.5702, 69.7121, 65.2064



13.8392, 13.9645, 14.2728



18.1640, 9.7658, 0.9276



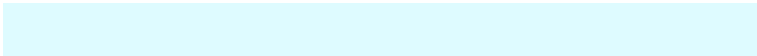
1.3034, 0.7658, 0.0791

Inverse Universe

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



64.2023, 70.6825, 82.2115



82.6307, 91.7308, 107.9584



61.0066, 64.2912, 81.1462



13.9687, 15.2764, 17.6001



19.5210, 26.5115, 45.1367



1.3933, 1.9180, 3.1420

Previews

White Background



This preview shows how the XYZ color 63.4995, 63.5715, 64.1821 looks on a white background.

Color Contrast Check

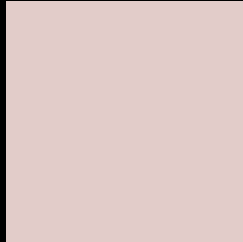
Large Text (above 18pt) WCAG AA × Fail

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 63.4995, 63.5715, 64.1821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

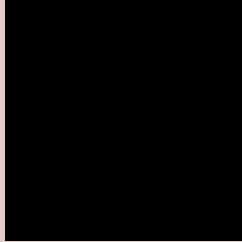
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4995, 63.5715, 64.1821

Background



This preview shows how black text looks on a background with the XYZ color 63.4995, 63.5715, 64.1821.



This preview shows how white text looks on a background with the XYZ color 63.4995, 63.5715,

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

63.4995, 63.5715, 64.1821

Protanopia

61.0669, 63.7197, 65.5805

Deuteranopia

64.9419, 63.6139, 64.1142



Tritanopia

65.6398, 63.7448, 74.4900

Trichromacy



Original Color

63.4995, 63.5715, 64.1821

Protanomaly

61.8869, 63.7953, 64.9291

Deuteranomaly

64.5317, 63.7519, 64.1625

Tritanomaly

64.7924, 63.7459, 70.5173

Monochromacy



Original Color

63.4995, 63.5715, 64.1821

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.1373, 64.2157, 68.1514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4995, 63.5715, 64.1821 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, 204, 201) looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 201)  
}
```

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, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 201) }
```

Border

The CSS property to change the border of an element to XYZ 63.4995, 63.5715, 64.1821 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, 204, 201) }
```


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

```
.border{ border-color:rgb(226, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 204,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4995, 63.5715, 64.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 201) }
```

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

```
.background{ background-color: rgb(226,  
204, 201) }
```

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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