

Converting Colors

XYZ(61.8715, 62.9692, 64.2042)

Have a look what the booklet for
XYZ(61.8715, 62.9692, 64.2042)
contains.

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Color

**XYZ(61.8891, 63.0953,
64.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCDC9
RGB	220, 205, 201
RGB Percent	86%, 80%, 79%
CMY	0.1373, 0.1961, 0.2118
CMYK	0.00, 0.07, 0.09, 0.14
HSL	13°, 21%, 83%
HSV	13°, 9%, 86%
XYZ	61.8891, 63.0953, 64.1750
YIQ	209.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

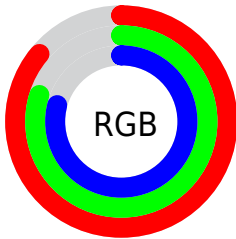
Format	Color
R _Y B	220, 206, 201
Decimal	14470601
CIE Lab	83.49, 4.53, 3.85
CIE LCh	83, 5.943, 40.401
Yxy	63.0953, 0.3272, 0.3336
Android (android.graphics.Color)	4292660681 (0xFFDCCDC9)
YUV	209.0290, -3.9583, 9.6216
Hunter-Lab	79.4326, 0.0696, 7.7013

Details

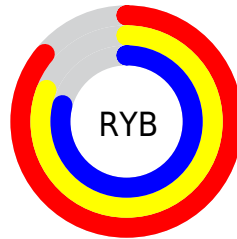
The XYZ color **61.8891, 63.0953, 64.1750** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5613, 66.6953, 77.3397**, and the grayscale version is **60.6450, 63.8033, 69.4818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8501, 32.2391, 32.1479** is the 20% darker color. If you saturate the color by 10%, you get **55.5590, 54.2839, 50.1981**, and if you desaturate by 10%, it is **69.0544, 72.9825, 80.2606**.

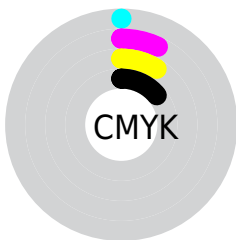
Distribution



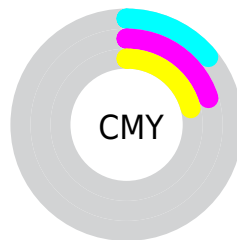
- Red (86%)
- Green (80%)
- Blue (79%)



- Red (86%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8891, 63.0953, 64.1750 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 61.8891, 63.0953, 64.1750 by changing the saturation by 10% instead.

■ 61.8891, 63.0953,
64.1750

■ 61.8891, 63.0953,
64.1750

421.2505,
435.9153, 458.0461

■ 45.1984, 45.9183,
46.3453

106.6561,
109.3070, 112.4648

■ 31.8156, 32.1814,
32.1678

135.4630,
139.1105, 143.7621

■ 21.3756, 21.5001,
21.2238

169.0394,
173.8916, 180.3856

■ 13.5128, 13.4900,
13.0949

207.7506,
214.0347, 222.7539

■ 7.8621, 7.7668,
7.3624

251.9619,
259.9242, 271.2856

■ 4.0579, 3.9461,
3.6079

302.0388,

■ 1.7349, 1.6435,

311.9446, 326.3991

1.4128

358.3465,
370.4801, 388.5131

■ 0.4780, 0.3866,
0.1517

■ 0.0000, 0.0000,
0.0000

■ 61.8891, 63.0953,
64.1750

■ 61.8891, 63.0953,
64.1750

■ 55.5590, 54.2839,
50.1981

■ 69.0544, 72.9825,
80.2606

■ 50.0282, 46.5037,
38.2382

■ 77.0787, 83.9716,
98.5331

■ 45.2658, 39.7193,
28.2029

■ 83.3255, 93.9558,
108.3513

■ 41.2370, 33.8898,
19.9910

■ 37.9042, 28.9718,
13.4921

■ 35.2261, 24.9183,
8.5834

■ 33.1570, 21.6778,
5.1261

■ 31.6447, 19.1934,
2.9566

■ 30.6190, 17.3965,
1.8302

Harmonies

Analogous

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



62.4562, 63.0953, 67.4190



61.8891, 63.0953, 64.1750



60.8105, 63.0953, 62.1901

Triad

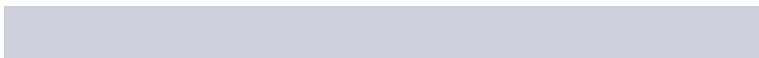
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8891, 63.0953, 64.1750



57.6518, 63.0953, 66.3324



60.4214, 63.0953, 75.9657

Complementary

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



61.8891, 63.0953, 64.1750



61.5613, 66.6953, 77.3397

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.



59.1377, 63.0953, 75.6492



61.8891, 63.0953, 64.1750



57.5510, 63.0953, 69.9973

Square

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



61.8891, 63.0953, 64.1750



58.3686, 63.0953, 63.4043



58.0914, 63.0953, 73.4330



61.6008, 63.0953, 74.2828

Rectangle

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



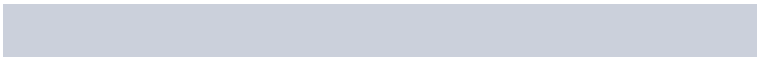
61.8891, 63.0953, 64.1750



59.9528, 63.0953, 61.8039



58.0914, 63.0953, 73.4330



59.9876, 63.0953, 76.0910

Sweetspot

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



61.8909, 63.0981, 64.1764



91.9466, 95.7250, 101.9098



62.8232, 61.9580, 73.7501



19.5067, 20.2496, 21.4230



0.0000, 0.0000, 0.0000



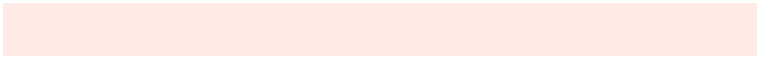
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8909, 63.0981, 64.1764



85.1250, 86.2895, 86.6643



64.1811, 67.6786, 64.9398



13.2773, 13.4940, 13.6304



17.9696, 10.2247, 1.0265



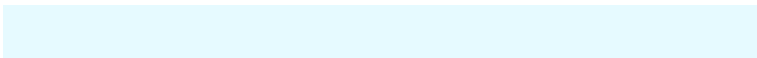
1.2272, 0.7885, 0.0875

Inverse Universe

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



61.5613, 66.6953, 77.3397



84.5925, 92.0996, 107.9262



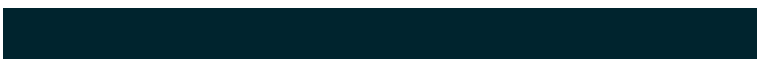
59.2467, 62.0661, 76.5681



13.1998, 14.3394, 16.7242



16.5072, 20.8838, 42.8994



1.1290, 1.4720, 2.7991

Previews

White Background



This preview shows how the XYZ color 61.8891, 63.0953, 64.1750 looks on a white background.

Color Contrast Check

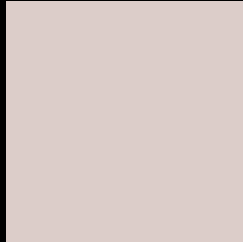
Large Text (above 18pt) WCAG AA × Fail

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 61.8891, 63.0953, 64.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

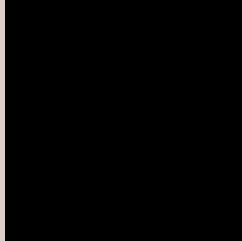
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8891, 63.0953, 64.1750

Background



This preview shows how black text looks on a background with the XYZ color 61.8891, 63.0953, 64.1750.

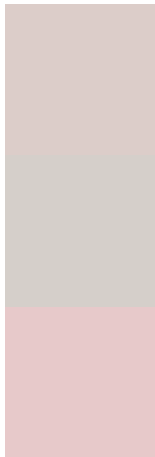


This preview shows how white text looks on a background with the XYZ color 61.8891, 63.0953,

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

61.8891, 63.0953, 64.1750

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

64.5023, 63.0265, 64.6428



Tritanopia

63.8996, 62.8326, 75.0897

Trichromacy



Original Color

61.8891, 63.0953, 64.1750

Protanomaly

61.0509, 63.0058, 64.8207

Deuteranomaly

63.4598, 62.8362, 64.6610

Tritanomaly

63.0584, 62.8375, 71.0927

Monochromacy



Original Color

61.8891, 63.0953, 64.1750

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1370, 63.7141, 67.4683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8891, 63.0953, 64.1750 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(220, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 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(220, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 201) }
```

Border

The CSS property to change the border of an element to XYZ 61.8891, 63.0953, 64.1750 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(220, 205, 201) }
```


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

```
.border{ border-color:rgb(220, 205, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 205, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8891, 63.0953, 64.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 205, 201) }
```

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

```
.background{ background-color: rgb(220,  
205, 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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