

Converting Colors

XYZ(63.0332, 67.0156, 64.8851)

Have a look what the booklet for
XYZ(63.0332, 67.0156, 64.8851)
contains.

XYZ(62.9081, 66.9091, 64.8575)	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(62.9081, 66.9091,
64.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D6C9
RGB	216, 214, 201
RGB Percent	85%, 84%, 79%
CMY	0.1529, 0.1608, 0.2118
CMYK	0.00, 0.01, 0.07, 0.15
HSL	52°, 16%, 82%
HSV	52°, 7%, 85%
XYZ	62.9081, 66.9091, 64.8575
YIQ	213.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

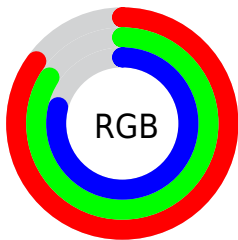
Format	Color
R_{YB}	203, 216, 201
Decimal	14210761
CIE Lab	85.46, -1.58, 6.65
CIE LCh	85, 6.834, 103.372
Yxy	66.9091, 0.3231, 0.3437
Android (android.graphics.Color)	4292400841 (0xFFD8D6C9)
YUV	213.1160, -5.9732, 2.5293
Hunter-Lab	81.7980, -5.8681, 10.2476

Details

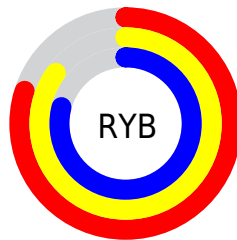
The XYZ color **62.9081, 66.9091, 64.8575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8380, 60.0864, 73.5160**, and the grayscale version is **63.3612, 66.6609, 72.5937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3625, 34.4799, 32.5534** is the 20% darker color. If you saturate the color by 10%, you get **59.8234, 64.5237, 52.1623**, and if you desaturate by 10%, it is **66.3667, 69.4690, 79.4418**.

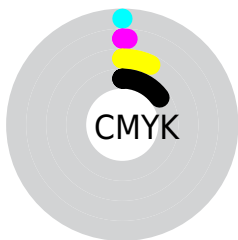
Distribution



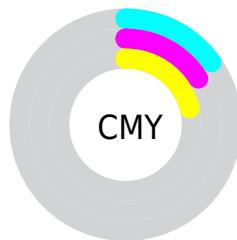
- Red (85%)
- Green (84%)
- Blue (79%)



- Red (80%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9081, 66.9091, 64.8575 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 62.9081, 66.9091, 64.8575 by changing the saturation by 10% instead.

■ 62.9081, 66.9091,
64.8575

■ 62.9081, 66.9091,
64.8575

424.9009,
449.6211, 460.5719

■ 46.0252, 49.0108,
46.8949

108.1195,
114.7902, 113.4563

■ 32.4704, 34.6280,
32.5988

137.1787,
145.5417, 144.9296

■ 21.8784, 23.3765,
21.5507

171.0274,
181.3463, 181.7435

■ 13.8837, 14.8717,
13.3320

210.0310,
222.5886, 224.3166

■ 8.1210, 8.7294,
7.5242

254.5547,
269.6528, 273.0675

■ 4.2249, 4.5651,
3.7086

304.9641,

■ 1.8301, 1.9944,

322.9234, 328.4146

1.4669

361.6243,
382.7847, 390.7766

■ 0.5357, 0.6042,
0.1931

■ 0.0000, 0.0000,
0.0000

■ 62.9081, 66.9091,
64.8575

■ 62.9081, 66.9091,
64.8575

■ 59.8234, 64.5237,
52.1623

■ 66.3667, 69.4690,
79.4418

■ 57.0922, 62.2979,
41.2738

■ 70.2077, 72.2003,
95.9844

■ 54.7004, 60.2283,
32.1098

■ 72.6576, 74.3959,
105.1381

■ 52.6308, 58.3077,
24.5802

■ 73.4304, 75.9415,
105.3957

■ 50.8647, 56.5286,
18.5864

■ 74.2163, 77.5133,
105.6577

■ 49.3812, 54.8827,
14.0197

■ 75.0154, 79.1114,
105.9240

■ 48.1570, 53.3603,
10.7565

■ 75.8277, 80.7360,
106.1948

■ 47.1645, 51.9504,
8.6528

■ 76.6532, 82.3871,
106.4700

■ 46.3679, 50.6385,
7.5199

■ 77.4921, 84.0649,
106.7496

Harmonies

Analogous

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



64.4521, 66.9091, 64.9738



62.9081, 66.9091, 64.8575



61.5696, 66.9091, 66.8206

Triad

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



62.9081, 66.9091, 64.8575



61.4524, 66.9091, 78.8749



66.4947, 66.9091, 75.3234

Complementary

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



62.9081, 66.9091, 64.8575



57.8380, 60.0864, 73.5160

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.



65.6645, 66.9091, 79.2372



62.9081, 66.9091, 64.8575



62.7458, 66.9091, 81.3440

Square

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



62.9081, 66.9091, 64.8575



60.7385, 66.9091, 74.8452



64.2871, 66.9091, 81.4792



66.5399, 66.9091, 70.8958

Rectangle

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



62.9081, 66.9091, 64.8575



60.9670, 66.9091, 69.0924



64.2871, 66.9091, 81.4792



66.2976, 66.9091, 76.7469

Sweetspot

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



62.9099, 66.9120, 64.8589



94.0235, 99.2436, 104.5607



59.9860, 60.6850, 65.0527



20.1357, 21.2502, 22.4257



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.



62.9099, 66.9120, 64.8589



91.0778, 97.0353, 92.2240



61.8203, 67.1048, 64.9536



13.3254, 14.2249, 13.2041



27.3700, 29.8572, 4.3205



1.6908, 1.8808, 0.2739

Inverse Universe

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



57.8380, 60.0864, 73.5160



82.5544, 85.5648, 106.7723



58.8749, 59.9257, 73.4303



11.8745, 12.2725, 15.6805



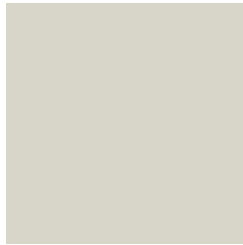
7.6375, 3.5369, 38.7333



0.5051, 0.3022, 2.3510

Previews

White Background



This preview shows how the XYZ color 62.9081, 66.9091, 64.8575 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 62.9081, 66.9091, 64.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

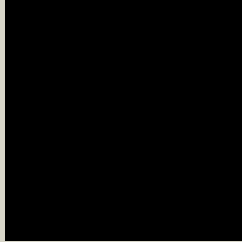
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

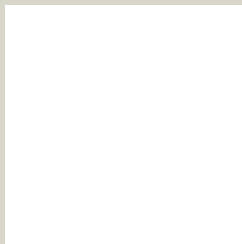
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9081, 66.9091, 64.8575

Background



This preview shows how black text looks on a background with the XYZ color 62.9081, 66.9091, 64.8575.

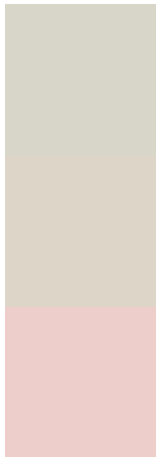


This preview shows how white text looks on a background with the XYZ color 62.9081, 66.9091,

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

62.9081, 66.9091, 64.8575

Protanopia

63.7348, 66.9743, 64.2117

Deuteranopia

68.1107, 66.6316, 65.7713



Tritanopia

66.4269, 66.8549, 82.0763

Trichromacy



Original Color

62.9081, 66.9091, 64.8575

Protanomaly

63.4330, 66.8187, 64.1976

Deuteranomaly

66.0943, 66.6882, 65.2657

Tritanomaly

65.1626, 66.7106, 75.7717

Monochromacy



Original Color

62.9081, 66.9091, 64.8575

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0344, 66.4881, 69.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9081, 66.9091, 64.8575 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(216, 214, 201) looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 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(216, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.9081, 66.9091, 64.8575 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(216, 214, 201) }
```


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

```
.border{ border-color:rgb(216, 214, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9081, 66.9091, 64.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 201) }
```

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

```
.background{ background-color: rgb(216,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor