

Converting Colors

XYZ(61.9110, 68.7845, 61.0553)

Have a look what the booklet for
XYZ(61.9110, 68.7845, 61.0553)
contains.

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Color

**XYZ(61.9091, 68.7831,
61.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DCC2
RGB	210, 220, 194
RGB Percent	82%, 86%, 76%
CMY	0.1765, 0.1372, 0.2392
CMYK	0.05, 0.00, 0.12, 0.14
HSL	83°, 27%, 81%
HSV	83°, 12%, 86%
XYZ	61.9091, 68.7831, 61.0524
YIQ	214.0460, 2.3860, -10.2060

Conversions

Conversions Part 2

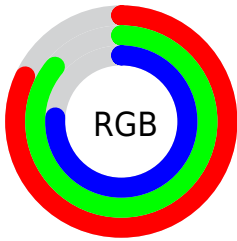
Format	Color
RYB	194, 220, 204
Decimal	13819074
CIELab	86.40, -7.94, 11.62
CIELCh	86, 14.080, 124.351
Yxy	68.7831, 0.3229, 0.3587
Android (android.graphics.Color)	4292009154 (0xFFD2DCC2)
YUV	214.0460, -9.8827, -3.5483
Hunter-Lab	82.9356, -11.8920, 14.4090

Details

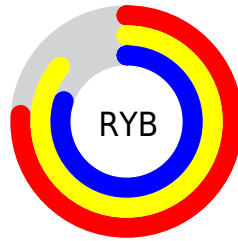
The XYZ color **61.9091, 68.7831, 61.0524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1147, 56.5901, 75.6266**, and the grayscale version is **64.0124, 67.3460, 73.3398**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **31.7063, 35.7723, 30.0446** is the 20% darker color. If you saturate the color by 10%, you get **57.2730, 66.6598, 48.8783**, and if you desaturate by 10%, it is **67.0423, 71.1244, 75.1621**.

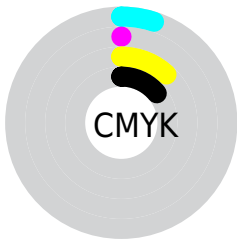
Distribution



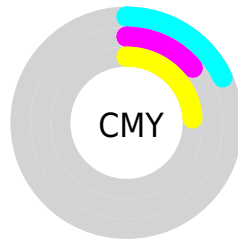
- Red (82%)
- Green (86%)
- Blue (76%)



- Red (76%)
- Yellow (86%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9091, 68.7831, 61.0524 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 61.9091, 68.7831, 61.0524 by changing the saturation by 10% instead.

61.9091, 68.7831,
61.0524

61.9091, 68.7831,
61.0524

421.3223,
456.2656, 446.3780

45.2146, 50.5351,
43.8366

106.6848,
117.4717, 107.9131

31.8285, 35.8387,
30.2058

135.4967,
148.6811, 138.3951

21.3854, 24.3097,
19.7415

169.0785,
184.9798, 174.1362

13.5201, 15.5635,
12.0251

207.7954,
226.7521, 215.5550

7.8671, 9.2158,
6.6380

252.0129,
274.3824, 263.0700

4.0611, 4.8822,
3.1618

302.0963,

1.7368, 2.1783,

328.2552, 317.0999

1.1778

358.4110,
388.7548, 378.0630

■ 0.4791, 0.7081,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9091, 68.7831,
61.0524

■ 61.9091, 68.7831,
61.0524

■ 57.2730, 66.6598,
48.8783

■ 67.0423, 71.1244,
75.1621

■ 53.1104, 64.7382,
38.5509

■ 72.6840, 73.6819,
91.2822

■ 49.4039, 63.0133,
29.9810

■ 78.0358, 76.1385,
105.1910

■ 46.1330, 61.4766,
23.0702

■ 80.9037, 77.6170,
105.3252

■ 43.2750, 60.1189,
17.7106

■ 83.9065, 79.1650,
105.4658

■ 40.8047, 58.9299,
13.7812

■ 84.8846, 79.6692,
105.5115

■ 38.6937, 57.8978,
11.1433

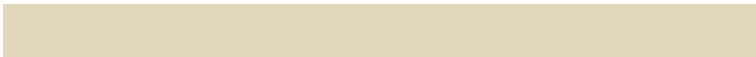
■ 36.9082, 57.0090,
9.6307

■ 35.6445, 56.3701,
9.0019

Harmonies

Analogous

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



64.9028, 68.7831, 58.4095



61.9091, 68.7831, 61.0524



59.8968, 68.7831, 67.4017

Triad

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



61.9091, 68.7831, 61.0524



62.7053, 68.7831, 92.2349



71.8154, 68.7831, 73.5419

Complementary

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



61.9091, 68.7831, 61.0524



57.1147, 56.5901, 75.6266

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.



71.1801, 68.7831, 82.9200



61.9091, 68.7831, 61.0524



65.8521, 68.7831, 94.2183

Square

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



61.9091, 68.7831, 61.0524



60.3457, 68.7831, 85.4655



68.9705, 68.7831, 90.6819



70.6789, 68.7831, 65.2306

Rectangle

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



61.9091, 68.7831, 61.0524



59.3456, 68.7831, 73.1431



68.9705, 68.7831, 90.6819



71.8022, 68.7831, 76.6708

Sweetspot

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



61.9110, 68.7861, 61.0539



92.0218, 98.6237, 100.4124



60.8403, 62.2829, 59.8551



19.5773, 21.0553, 21.1616



0.0000, 0.0000, 0.0000



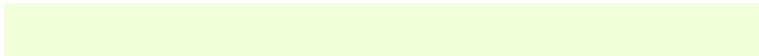
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9110, 68.7861, 61.0539



84.9519, 95.3977, 81.1613



58.3676, 66.9594, 60.8881



13.6518, 15.0008, 13.9015



21.0462, 33.1472, 5.2888



1.4586, 2.1965, 0.3471

Inverse Universe

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



57.1147, 56.5901, 75.6266



77.0756, 75.3693, 105.0931



60.8180, 58.4993, 75.7999



12.8100, 12.8602, 16.4592



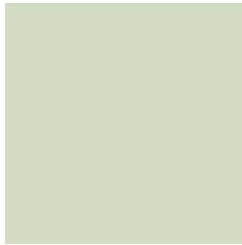
9.8767, 4.2158, 40.0316



0.7343, 0.3218, 2.5979

Previews

White Background



This preview shows how the XYZ color 61.9091, 68.7831, 61.0524 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 61.9091, 68.7831, 61.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

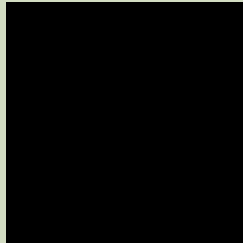
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

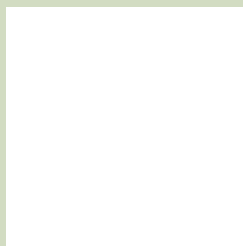
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9091, 68.7831, 61.0524

Background



This preview shows how black text looks on a background with the XYZ color 61.9091, 68.7831, 61.0524.



This preview shows how white text looks on a background with the XYZ color 61.9091, 68.7831,

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

61.9091, 68.7831, 61.0524

Protanopia

65.1789, 68.5754, 59.6703

Deuteranopia

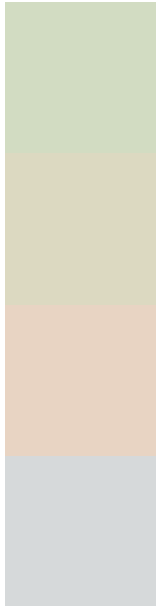
69.8279, 68.3304, 61.7333



Tritanopia

67.1848, 69.0260, 86.1263

Trichromacy



Original Color

61.9091, 68.7831, 61.0524

Protanomaly

63.9537, 68.6916, 60.3402

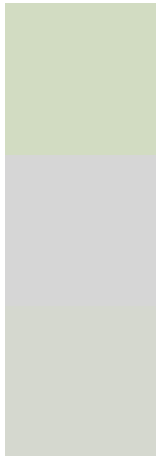
Deuteranomaly

66.6725, 68.1829, 61.2764

Tritanomaly

65.1993, 68.9838, 76.2085

Monochromacy



Original Color

61.9091, 68.7831, 61.0524

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.2589, 67.7629, 68.7769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9091, 68.7831, 61.0524 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(210, 220, 194) looks like.

```
.text, #text, p{  
    color:rgb(210, 220, 194)  
}
```

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(210, 220, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 220, 194) }
```

Border

The CSS property to change the border of an element to XYZ 61.9091, 68.7831, 61.0524 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(210, 220, 194) }
```


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

```
.border{ border-color:rgb(210, 220, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 220, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 220, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 220, 194);  
box-shadow:4px 4px 4px 4px rgb(210, 220,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9091, 68.7831, 61.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 220, 194) }
```

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

```
.background{ background-color: rgb(210,  
220, 194) }
```

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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