

Converting Colors

XYZ(61.2132, 69.1617, 53.6287)

Have a look what the booklet for
XYZ(61.2132, 69.1617, 53.6287)
contains.

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Color

**XYZ(61.0609, 68.8980,
53.7964)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DDB5
RGB	211, 221, 181
RGB Percent	83%, 87%, 71%
CMY	0.1725, 0.1333, 0.2902
CMYK	0.05, 0.00, 0.18, 0.13
HSL	75°, 37%, 79%
HSV	75°, 18%, 87%
XYZ	61.0609, 68.8980, 53.7964
YIQ	213.4500, 6.8800, -14.5600

Conversions

Conversions Part 2

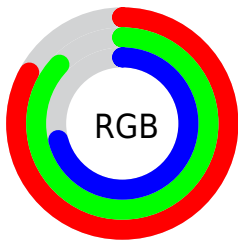
Format	Color
RYB	181, 221, 191
Decimal	13884853
CIELab	86.45, -10.18, 18.53
CIELCh	86, 21.145, 118.776
Yxy	68.8980, 0.3323, 0.3749
Android (android.graphics.Color)	4292074933 (0xFFD3DDB5)
YUV	213.4500, -15.9978, -2.1486
Hunter-Lab	83.0048, -13.9483, 19.6768

Details

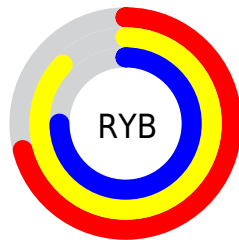
The XYZ color **61.0609, 68.8980, 53.7964** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0636, 49.3464, 75.2439**, and the grayscale version is **63.6494, 66.9641, 72.9239**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **31.2428, 35.8989, 25.7046** is the 20% darker color. If you saturate the color by 10%, you get **57.4150, 67.2621, 42.7128**, and if you desaturate by 10%, it is **65.1247, 70.7119, 66.7802**.

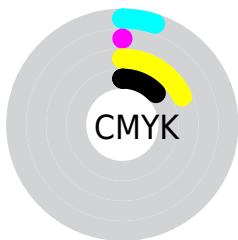
Distribution



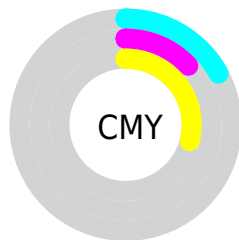
- Red (83%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0609, 68.8980, 53.7964 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 61.0609, 68.8980, 53.7964 by changing the saturation by 10% instead.

■ 61.0609, 68.8980,
53.7964

■ 61.0609, 68.8980,
53.7964

418.2696,
456.6711, 418.4858

■ 44.5270, 50.6286,
38.0468

■ 105.4647,
117.6359, 97.2286

■ 31.2847, 35.9132,
25.7169

134.0654,
148.8732, 125.7484

■ 20.9687, 24.3671,
16.3881

167.4191,
185.2019, 159.3619

■ 13.2134, 15.6062,
9.6419

205.8911,
227.0065, 198.4878

■ 7.6537, 9.2459,
5.0597

249.8468,
274.6714, 243.5446

■ 3.9241, 4.9019,
2.2230


299.6515,

■ 1.6593, 2.1898,


328.5808, 294.9509


0.6876


355.6707,
389.1193, 353.1251


 0.4306, 0.7144,
0.0000


 0.0000, 0.0000,
0.0000


 61.0609, 68.8980,
53.7964


 61.0609, 68.8980,
53.7964

 57.4150, 67.2621,
42.7128


 65.1247, 70.7119,
66.7802

 54.1640, 65.7882,
33.4356

 69.6173, 72.7014,
81.7429

 51.2910, 64.4715,
25.8703

 74.5558, 74.8757,
98.7643

 48.7754, 63.3040,
19.9113

 77.5480, 76.2779,
105.2436

■ 46.5945, 62.2763,
15.4420

■ 79.3820, 77.2233,
105.3295

■ 44.7224, 61.3782,
12.3297

■ 81.2731, 78.1982,
105.4180

■ 43.1291, 60.5975,
10.4182

■ 83.2217, 79.2028,
105.5091

■ 41.7714, 59.9168,
9.4841

■ 85.1479, 80.1958,
105.5993

■ 41.5279, 59.7939,
9.3526

Harmonies

Analogous

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



65.6866, 68.8980, 51.1796



61.0609, 68.8980, 53.7964



57.7664, 68.8980, 61.9019

Triad

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



61.0609, 68.8980, 53.7964



60.7294, 68.8980, 100.4940



75.3472, 68.8980, 75.5951

Complementary

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



61.0609, 68.8980, 53.7964



51.0636, 49.3464, 75.2439

Split Complementary

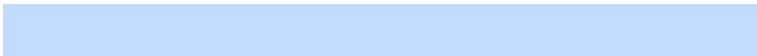
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8632, 68.8980, 89.8676



61.0609, 68.8980, 53.7964



65.2848, 68.8980, 105.3032

Square

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



61.0609, 68.8980, 53.7964



57.5818, 68.8980, 88.7481



70.1188, 68.8980, 101.1949



74.0812, 68.8980, 62.7828

Rectangle

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



61.0609, 68.8980, 53.7964



56.6855, 68.8980, 69.8958



70.1188, 68.8980, 101.1949



75.1521, 68.8980, 80.3849

Sweetspot

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



61.0627, 68.9010, 53.7979



91.9012, 98.6061, 98.3906



56.7925, 55.9720, 51.5274



19.5785, 21.0649, 20.7556



0.0000, 0.0000, 0.0000



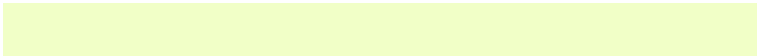
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0627, 68.9010, 53.7979



82.3225, 94.3343, 67.8415



55.6851, 66.1287, 53.5462



13.8277, 15.0914, 13.9097



24.2315, 34.7893, 5.4379



1.6467, 2.2935, 0.3559

Inverse Universe

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



51.0636, 49.3464, 75.2439



65.8708, 62.1566, 103.1334



56.4414, 52.1188, 75.4955



12.6423, 12.7737, 16.4514



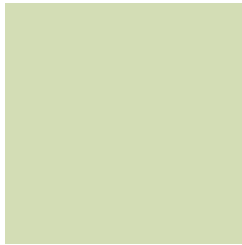
8.5933, 3.5542, 39.9715



0.6356, 0.2709, 2.5932

Previews

White Background



This preview shows how the XYZ color 61.0609, 68.8980, 53.7964 looks on a white background.

Color Contrast Check

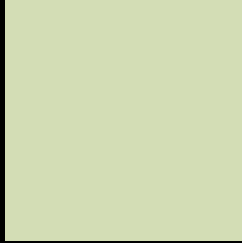
Large Text (above 18pt) WCAG AA × Fail

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 61.0609, 68.8980, 53.7964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

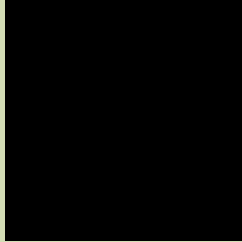
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

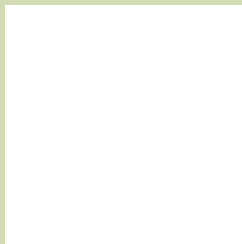
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0609, 68.8980, 53.7964

Background



This preview shows how black text looks on a background with the XYZ color 61.0609, 68.8980, 53.7964.



This preview shows how white text looks on a background with the XYZ color 61.0609, 68.8980,

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

61.0609, 68.8980, 53.7964

Protanopia

64.5867, 68.8201, 51.9990

Deuteranopia

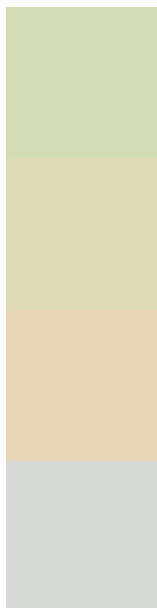
70.2745, 68.7122, 54.9063



Tritanopia

67.3838, 68.7681, 85.3234

Trichromacy



Original Color

61.0609, 68.8980, 53.7964

Protanomaly

63.3323, 68.9271, 52.6141

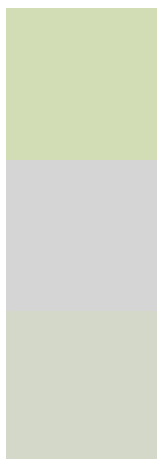
Deuteranomaly

66.6024, 68.6696, 54.5440

Tritanomaly

64.8474, 68.8769, 72.8275

Monochromacy



Original Color

61.0609, 68.8980, 53.7964

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2499, 67.3258, 64.9726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0609, 68.8980, 53.7964 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(211, 221, 181)` looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 181)  
}
```

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(211, 221, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 181) }
```

Border

The CSS property to change the border of an element to XYZ 61.0609, 68.8980, 53.7964 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(211, 221, 181) }
```


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

```
.border{ border-color:rgb(211, 221, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 221, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 181);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0609, 68.8980, 53.7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 181) }
```

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

```
.background{ background-color: rgb(211,  
221, 181) }
```

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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