

Converting Colors

XYZ(61.9387, 71.7805, 52.7652)

Have a look what the booklet for
XYZ(61.9387, 71.7805, 52.7652)
contains.

XYZ(61.7995, 71.7078, 52.7033)	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(61.7995, 71.7078,
52.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E3B2
RGB	209, 227, 178
RGB Percent	82%, 89%, 70%
CMY	0.1804, 0.1098, 0.3020
CMYK	0.08, 0.00, 0.22, 0.11
HSL	82°, 47%, 79%
HSV	82°, 22%, 89%
XYZ	61.7995, 71.7078, 52.7033
YIQ	216.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

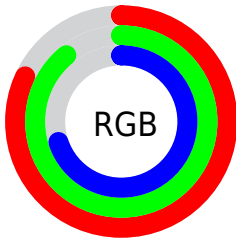
Format	Color
RYB	178, 227, 196
Decimal	13755314
CIELab	87.83, -14.37, 21.98
CIELCh	88, 26.261, 123.174
Yxy	71.7078, 0.3319, 0.3851
Android (android.graphics.Color)	4291945394 (0xFFD1E3B2)
YUV	216.0320, -18.7498, -6.1671
Hunter-Lab	84.6805, -17.9221, 22.3755

Details

The XYZ color **61.7995, 71.7078, 52.7033** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.5532, 49.1245, 79.3890**, and the grayscale version is **65.4150, 68.8217, 74.9468**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **31.7806, 37.8557, 25.0339** is the 20% darker color. If you saturate the color by 10%, you get **57.4085, 69.6883, 41.5687**, and if you desaturate by 10%, it is **66.6950, 73.9482, 65.8333**.

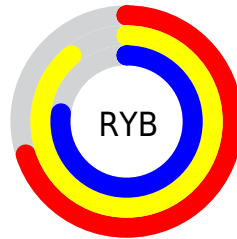
Distribution



Red (82%)

Green (89%)

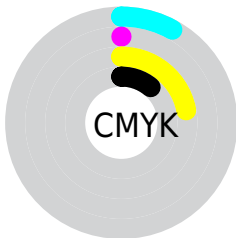
Blue (70%)



Red (70%)

Yellow (89%)

Blue (77%)

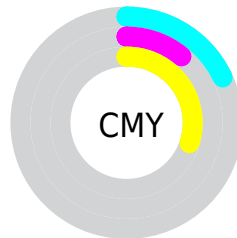


Cyan (8%)

Magenta (0%)

Yellow (22%)

Black (11%)



Cyan (18%)


Magenta (11%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7995, 71.7078, 52.7033 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 61.7995, 71.7078, 52.7033 by changing the saturation by 10% instead.


 61.7995, 71.7078,
52.7033

 61.7995, 71.7078,
52.7033


420.9286,
466.5239, 414.1797

 45.1257, 52.9200,
37.1799


 106.5273,
121.6410, 95.6048

 31.7581, 37.7389,
25.0499


135.3120,
153.5552, 123.8199

 21.3315, 25.7801,
15.8949


168.8643,
190.6137, 157.1026

 13.4804, 16.6592,
9.2963

207.5497,
233.2008, 195.8715

 7.8394, 9.9918,
4.8355

251.7334,
281.7010, 240.5451

 4.0433, 5.3935,
2.0940

301.7809,

 1.7267, 2.4800,

336.4987, 291.5420

0.6122

358.0575,
397.9782, 349.2807

■ 0.4729, 0.8666,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7995, 71.7078,
52.7033

■ 61.7995, 71.7078,
52.7033

■ 57.4085, 69.6883,
41.5687

■ 66.6950, 73.9482,
65.8333

■ 53.4960, 67.8718,
32.3271

■ 72.1086, 76.4079,
81.0450

■ 50.0419, 66.2525,
24.8740

■ 78.0599, 79.0974,
98.4253

■ 47.0221, 64.8206,
19.0930

■ 82.2631, 81.1025,
105.9264

■ 44.4098, 63.5650,
14.8540

■ 85.1973, 82.6152,
106.0637

■ 42.1747, 62.4735,
12.0074

■ 86.7605, 83.4211,
106.1368

■ 40.2807, 61.5312,
10.3742

■ 38.9026, 60.8345,
9.6919

Harmonies

Analogous

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



67.4940, 71.7078, 48.5485



61.7995, 71.7078, 52.7033



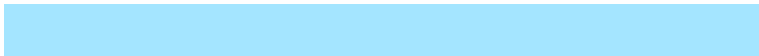
58.0001, 71.7078, 63.5746

Triad

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



61.7995, 71.7078, 52.7033



62.8836, 71.7078, 112.9308



80.8515, 71.7078, 76.1906

Complementary

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



61.7995, 71.7078, 52.7033



52.5532, 49.1245, 79.3890

Split Complementary

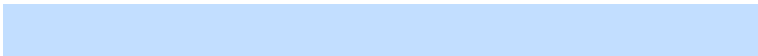
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4335, 71.7078, 94.6339



61.7995, 71.7078, 52.7033



68.8225, 71.7078, 117.6575

Square

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



61.7995, 71.7078, 52.7033



58.5987, 71.7078, 98.4294



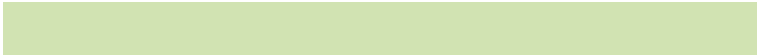
74.9343, 71.7078, 110.5151



78.7001, 71.7078, 60.7444

Rectangle

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



61.7995, 71.7078, 52.7033



56.9236, 71.7078, 74.0642



74.9343, 71.7078, 110.5151



80.7768, 71.7078, 82.2334

Sweetspot

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



61.8014, 71.7109, 52.7048



90.6457, 98.0028, 96.3435



59.4494, 59.0124, 50.3777



19.3025, 20.9315, 20.3421



0.0000, 0.0000, 0.0000



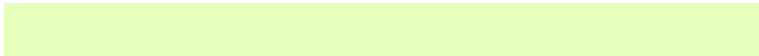
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8014, 71.7109, 52.7048



77.7519, 92.1103, 61.6547



55.4024, 68.4121, 52.4054



15.0613, 16.5387, 15.3029



22.8195, 35.5454, 5.6582



1.7877, 2.6789, 0.4229

Inverse Universe

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



52.5532, 49.1245, 79.3890



63.6409, 57.6413, 102.3794



59.4448, 52.6772, 79.7115



14.0804, 14.1437, 18.1322



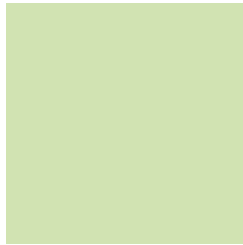
10.3049, 4.3783, 42.6851



0.8610, 0.3748, 3.1589

Previews

White Background



This preview shows how the XYZ color 61.7995, 71.7078, 52.7033 looks on a white background.

Color Contrast Check

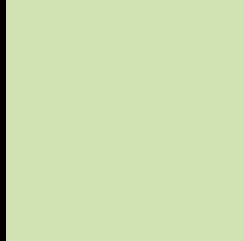
Large Text (above 18pt) WCAG AA × Fail

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 61.7995, 71.7078, 52.7033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

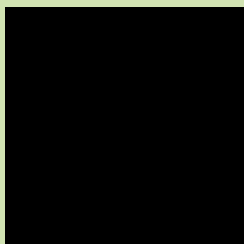
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

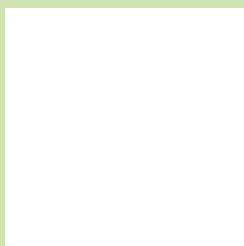
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7995, 71.7078, 52.7033

Background



This preview shows how black text looks on a background with the XYZ color 61.7995, 71.7078, 52.7033.



This preview shows how white text looks on a background with the XYZ color 61.7995, 71.7078,

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

61.7995, 71.7078, 52.7033

Protanopia

67.1649, 71.7348, 50.3506

Deuteranopia

72.8748, 71.1847, 53.6152



Tritanopia

69.0871, 71.4709, 89.5109

Trichromacy



Original Color

61.7995, 71.7078, 52.7033

Protanomaly

65.1769, 71.8780, 50.9961

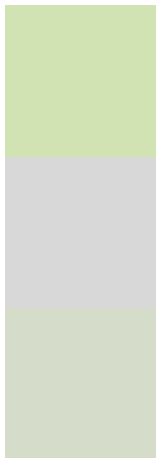
Deuteranomaly

68.3110, 71.0981, 53.3030

Tritanomaly

66.1186, 71.4450, 74.5954

Monochromacy



Original Color

61.7995, 71.7078, 52.7033

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.6944, 69.5968, 65.9536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7995, 71.7078, 52.7033 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(209, 227, 178)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 178)  
}
```

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(209, 227, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 178) }
```

Border

The CSS property to change the border of an element to XYZ 61.7995, 71.7078, 52.7033 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(209, 227, 178) }
```


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

```
.border{ border-color:rgb(209, 227, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 227, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 227, 178); box-shadow:4px 4px 4px 4px rgb(209, 227, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7995, 71.7078, 52.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 178) }
```

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

```
.background{ background-color: rgb(209,  
227, 178) }
```

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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