

Converting Colors

XYZ(52.9658, 61.5622, 36.9754)

Have a look what the booklet for
XYZ(52.9658, 61.5622, 36.9754)
contains.

XYZ(52.9762, 61.6426, 37.1230)	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(52.9762, 61.6426,
37.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D494
RGB	201, 212, 148
RGB Percent	79%, 83%, 58%
CMY	0.2118, 0.1686, 0.4196
CMYK	0.05, 0.00, 0.30, 0.17
HSL	70°, 43%, 71%
HSV	70°, 30%, 83%
XYZ	52.9762, 61.6426, 37.1230
YIQ	201.4150, 13.9880, -22.2360

Conversions

Conversions Part 2

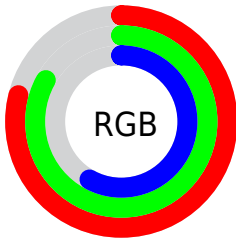
Format	Color
RYB	148, 212, 159
Decimal	13227156
CIELab	82.72, -14.05, 30.49
CIElCh	83, 33.573, 114.736
Yxy	61.6426, 0.3491, 0.4062
Android (android.graphics.Color)	4291417236 (0xFFC9D494)
YUV	201.4150, -26.3336, -0.3640
Hunter-Lab	78.5128, -16.9552, 26.9250

Details

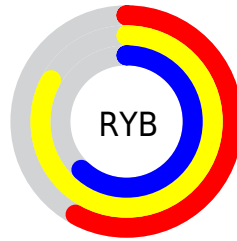
The XYZ color **52.9762, 61.6426, 37.1230** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7740, 33.3058, 66.7813**, and the grayscale version is **55.9287, 58.8413, 64.0782**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **26.0687, 31.0880, 15.9359** is the 20% darker color. If you saturate the color by 10%, you get **50.4817, 60.5351, 29.0347**, and if you desaturate by 10%, it is **55.8045, 62.8906, 46.8338**.

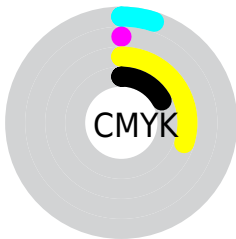
Distribution



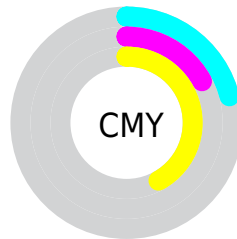
- Red (79%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)





- Cyan (21%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9762, 61.6426, 37.1230 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 52.9762, 61.6426, 37.1230 by changing the saturation by 10% instead.


 52.9762, 61.6426,
37.1230


 52.9762, 61.6426,
37.1230


388.4562,
430.6262, 349.0275

 38.0112, 44.7440,
25.0062


 93.7351, 107.2088,
71.9504

 26.1686, 31.2558,
15.8626

 120.2596,
136.6452, 95.4980

 17.0832, 20.7937,
9.2737


151.3681,
171.0296, 123.6930

 10.3895, 12.9733,
4.8209

187.4258,
210.7465, 156.9539

 5.7222, 7.4102,
2.0857

228.7981,
256.1802, 195.6993

 2.7159, 3.7199,
0.6072

275.8504,

 1.0054, 1.5182,

307.7151, 240.3476

0.0000

328.9479,
365.7357, 291.3175

■ 0.0000, 0.3015,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9762, 61.6426,
37.1230

■ 52.9762, 61.6426,
37.1230

■ 50.4817, 60.5351,
29.0347

■ 55.8045, 62.8906,
46.8338

■ 48.2994, 59.5529,
22.4763


■ 58.9775, 64.2771,
58.2447


■ 46.4121, 58.6915,
17.3524


■ 62.5115, 65.8106,
71.4335


■ 44.7994, 57.9424,
13.5548


■ 66.4202, 67.4968,
86.4716


 43.4375, 57.2964,
10.9603


 70.7166, 69.3409,
103.4268

 42.2985, 56.7421,
9.4227

 71.9868, 69.9772,
104.3206

 41.3483, 56.2677,
8.6815

 73.1213, 70.5621,
104.3737

 74.2801, 71.1595,
104.4279

 75.4634, 71.7695,
104.4833

Harmonies

Analogous

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



59.8709, 61.6426, 34.8294



52.9762, 61.6426, 37.1230



47.9804, 61.6426, 46.7008

Triad

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



52.9762, 61.6426, 37.1230



50.9423, 61.6426, 105.0488



73.5118, 61.6426, 70.8283

Complementary

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



52.9762, 61.6426, 37.1230



36.7740, 33.3058, 66.7813

Split Complementary

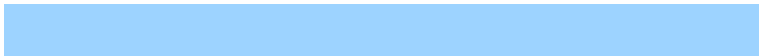
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.6573, 61.6426, 92.7580



52.9762, 61.6426, 37.1230



57.3264, 61.6426, 114.9424

Square

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



52.9762, 61.6426, 37.1230



46.8753, 61.6426, 85.1461



64.5858, 61.6426, 110.0375



72.1086, 61.6426, 51.8337

Rectangle

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



52.9762, 61.6426, 37.1230



46.2036, 61.6426, 57.1961



64.5858, 61.6426, 110.0375



73.0118, 61.6426, 78.1264

Sweetspot

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



52.9778, 61.6453, 37.1243



90.1357, 97.8683, 90.5210



44.8397, 40.8187, 33.5333



19.1319, 20.8778, 18.7848



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.



52.9778, 61.6453, 37.1243



78.0583, 92.5598, 48.4961



45.3247, 57.7000, 36.7662



13.2536, 14.4069, 13.2430



25.5999, 34.7735, 5.3627



1.6006, 2.1265, 0.3261

Inverse Universe

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



36.7740, 33.3058, 66.7813



49.7695, 43.0673, 100.2974



43.8777, 36.9679, 67.1137



11.9397, 12.1103, 15.6458



7.8538, 3.2013, 38.6571



0.5358, 0.2251, 2.3345

Previews

White Background



This preview shows how the XYZ color 52.9762, 61.6426, 37.1230 looks on a white background.

Color Contrast Check

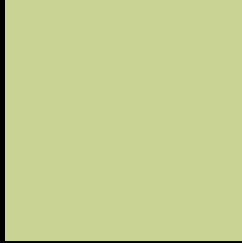
Large Text (above 18pt) WCAG AA × Fail

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 52.9762, 61.6426, 37.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

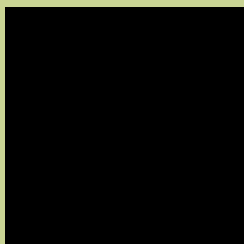
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

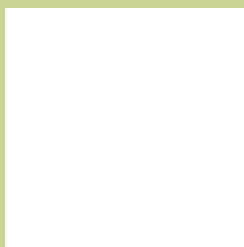
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9762, 61.6426, 37.1230

Background



This preview shows how black text looks on a background with the XYZ color 52.9762, 61.6426, 37.1230.



This preview shows how white text looks on a background with the XYZ color 52.9762, 61.6426,

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

52.9762, 61.6426, 37.1230

Protanopia

57.3063, 61.7165, 35.6802

Deuteranopia

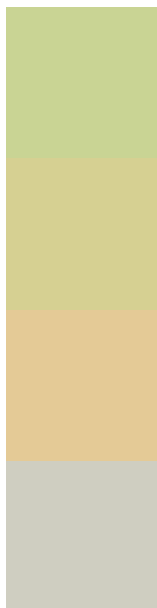
62.5143, 61.2216, 37.8002



Tritanopia

60.7205, 61.5280, 75.6936

Trichromacy



Original Color

52.9762, 61.6426, 37.1230

Protanomaly

55.4757, 61.4832, 36.1377

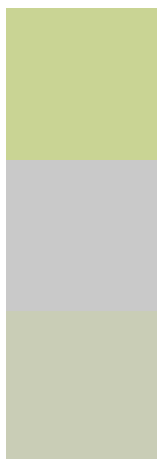
Deuteranomaly

58.6205, 60.9370, 37.5266

Tritanomaly

57.4291, 61.2583, 59.2493

Monochromacy



Original Color

52.9762, 61.6426, 37.1230

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.3622, 59.4575, 52.8672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9762, 61.6426, 37.1230 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(201, 212, 148)` looks like.

```
.text, #text, p{  
    color:rgb(201, 212, 148)  
}
```

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(201, 212, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 212, 148) }
```

Border

The CSS property to change the border of an element to XYZ 52.9762, 61.6426, 37.1230 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(201, 212, 148) }
```


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

```
.border{ border-color:rgb(201, 212, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 212, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 212, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 212, 148);  
box-shadow:4px 4px 4px 4px rgb(201, 212,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9762, 61.6426, 37.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 212, 148) }
```

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

```
.background{ background-color: rgb(201,  
212, 148) }
```

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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