

Converting Colors

XYZ(52.9066, 61.3287, 38.3182)

Have a look what the booklet for
XYZ(52.9066, 61.3287, 38.3182)
contains.

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Color

**XYZ(52.6996, 61.1023,
38.2945)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D397
RGB	200, 211, 151
RGB Percent	78%, 83%, 59%
CMY	0.2157, 0.1725, 0.4078
CMYK	0.05, 0.00, 0.28, 0.17
HSL	71°, 41%, 71%
HSV	71°, 28%, 83%
XYZ	52.6996, 61.1023, 38.2945
YIQ	200.8710, 12.7040, -20.9920

Conversions

Conversions Part 2

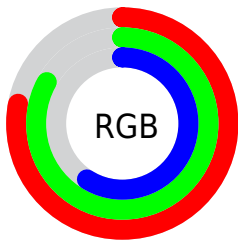
Format	Color
RYB	151, 211, 162
Decimal	13161367
CIELab	82.43, -13.52, 28.54
CIELCh	82, 31.579, 115.346
Yxy	61.1023, 0.3465, 0.4017
Android (android.graphics.Color)	4291351447 (0xFFC8D397)
YUV	200.8710, -24.5864, -0.7639
Hunter-Lab	78.1680, -16.4521, 25.6714

Details

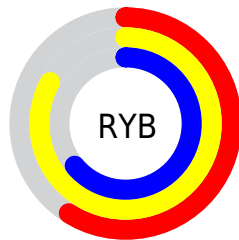
The XYZ color **52.6996, 61.1023, 38.2945** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7272, 34.5194, 66.3060**, and the grayscale version is **55.5808, 58.4753, 63.6796**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **26.0343, 31.0538, 16.6784** is the 20% darker color. If you saturate the color by 10%, you get **50.1171, 59.9535, 30.0152**, and if you desaturate by 10%, it is **55.6181, 62.3927, 48.1930**.

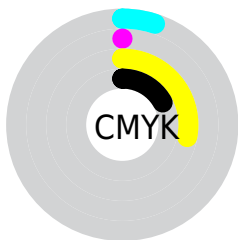
Distribution



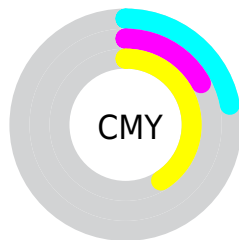
- Red (78%)
- Green (83%)
- Blue (59%)



- Red (59%)
- Yellow (83%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6996, 61.1023, 38.2945 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 52.6996, 61.1023, 38.2945 by changing the saturation by 10% instead.

■ 52.6996, 61.1023,
38.2945

■ 52.6996, 61.1023,
38.2945

387.4113,
428.6490, 354.2176

■ 37.7895, 44.3077,
25.9077

■ 93.3303, 106.4270,
73.7677

■ 25.9959, 30.9125,
16.5295

■ 119.7817,
135.7260, 97.6913

■ 16.9532, 20.5322,
9.7412

150.8109,
169.9619, 126.2975

■ 10.2962, 12.7825,
5.1244

186.7832,
209.5191, 160.0049

■ 5.6596, 7.2790,
2.2604

228.0640,
254.7820, 199.2321

■ 2.6779, 3.6372,
0.7089

275.0188,

■ 0.9858, 1.4727,

306.1350, 244.3976

0.0000

328.0127,
363.9626, 295.9199

■ 0.0000, 0.2694,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6996, 61.1023,
38.2945

■ 52.6996, 61.1023,
38.2945

■ 50.1171, 59.9535,
30.0152

■ 55.6181, 62.3927,
48.1930

■ 47.8494, 58.9315,
23.2649

■ 58.8834, 63.8228,
59.7865

■ 45.8800, 58.0318,
17.9507

■ 62.5112, 65.4009,
73.1508

■ 44.1888, 57.2464,
13.9681

■ 66.5150, 67.1326,
88.3559

■ 42.7531, 56.5661,
11.1983

■ 70.6645, 68.9256,
104.1873

■ 41.5461, 55.9801,
9.5016

■ 71.8449, 69.5342,
104.2425

■ 40.5274, 55.4724,
8.6659

■ 73.0526, 70.1568,
104.2991

■ 40.3760, 55.3964,
8.5645

■ 74.2877, 70.7935,
104.3569

■ 75.5505, 71.4445,
104.4160

Harmonies

Analogous

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



59.1343, 61.1023, 35.9548



52.6996, 61.1023, 38.2945



48.0485, 61.1023, 47.5682

Triad

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



52.6996, 61.1023, 38.2945



51.0100, 61.1023, 101.9948



71.9833, 61.1023, 69.5888

Complementary

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



52.6996, 61.1023, 38.2945



37.7272, 34.5194, 66.3060

Split Complementary

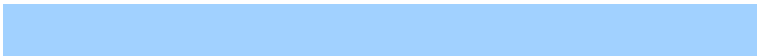
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4095, 61.1023, 89.9604



52.6996, 61.1023, 38.2945



57.0302, 61.1023, 110.8351

Square

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



52.6996, 61.1023, 38.2945



47.1272, 61.1023, 83.7286



63.8060, 61.1023, 106.0535



70.6011, 61.1023, 51.8643

Rectangle

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



52.6996, 61.1023, 38.2945



46.4118, 61.1023, 57.5703



63.8060, 61.1023, 106.0535



71.5468, 61.1023, 76.3742

Sweetspot

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



52.7012, 61.1050, 38.2958



90.0409, 97.8194, 90.5165



45.3724, 41.9257, 34.9801



19.1085, 20.8657, 18.7837



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.



52.7012, 61.1050, 38.2958



78.4858, 92.7262, 50.9538



45.4599, 57.3720, 37.9569



12.5820, 13.6835, 12.5901



24.4457, 33.4712, 5.1722



1.4234, 1.9007, 0.2918

Inverse Universe

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



37.7272, 34.5194, 66.3060



51.9235, 45.5514, 100.6634



44.5648, 38.0443, 66.6260



11.3631, 11.5205, 14.8684



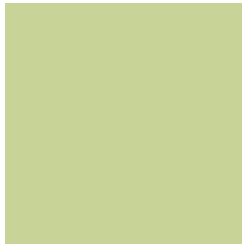
7.6570, 3.1276, 37.3926



0.4904, 0.2070, 2.0937

Previews

White Background



This preview shows how the XYZ color 52.6996, 61.1023, 38.2945 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 52.6996, 61.1023, 38.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

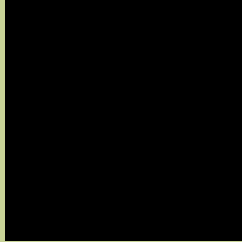
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6996, 61.1023, 38.2945

Background



This preview shows how black text looks on a background with the XYZ color 52.6996, 61.1023, 38.2945.



This preview shows how white text looks on a background with the XYZ color 52.6996, 61.1023,

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

52.6996, 61.1023, 38.2945

Protanopia

56.6918, 61.0164, 36.8063

Deuteranopia

61.8483, 60.5137, 38.9924



Tritanopia

60.0699, 60.8583, 74.9105

Trichromacy



Original Color

52.6996, 61.1023, 38.2945

Protanomaly

55.1782, 60.9417, 37.2885

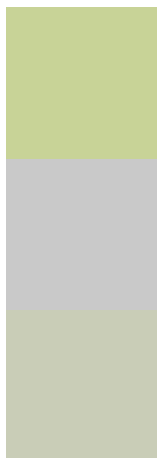
Deuteranomaly

58.0004, 60.2419, 38.7079

Tritanomaly

57.0225, 60.6795, 59.7458

Monochromacy



Original Color

52.6996, 61.1023, 38.2945

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.4660, 59.4990, 53.4135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6996, 61.1023, 38.2945 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(200, 211, 151)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 151)  
}
```

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(200, 211, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 151) }
```

Border

The CSS property to change the border of an element to XYZ 52.6996, 61.1023, 38.2945 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(200, 211, 151) }
```


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

```
.border{ border-color:rgb(200, 211, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 151);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6996, 61.1023, 38.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 151) }
```

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

```
.background{ background-color: rgb(200,  
211, 151) }
```

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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