

Converting Colors

XYZ(63.0606, 68.4132, 57.7827)

Have a look what the booklet for
XYZ(63.0606, 68.4132, 57.7827)
contains.

XYZ(62.9116, 68.2053, 57.9932)	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(62.9116, 68.2053,
57.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD9BD
RGB	218, 217, 189
RGB Percent	85%, 85%, 74%
CMY	0.1451, 0.1490, 0.2588
CMYK	0.00, 0.00, 0.13, 0.15
HSL	58°, 28%, 80%
HSV	58°, 13%, 85%
XYZ	62.9116, 68.2053, 57.9932
YIQ	214.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

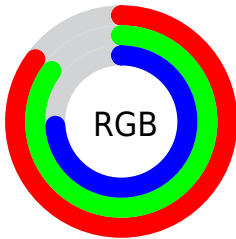
Format	Color
R _{YB}	190, 218, 189
Decimal	14342589
CIE Lab	86.11, -4.38, 13.93
CIE LCh	86, 14.602, 107.448
Yxy	68.2053, 0.3327, 0.3607
Android (android.graphics.Color)	4292532669 (0xFFDAD9BD)
YUV	214.1070, -12.3778, 3.4142
Hunter-Lab	82.5865, -8.5511, 16.1764

Details

The XYZ color **62.9116, 68.2053, 57.9932** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.0544, 52.7066, 73.7600**, and the grayscale version is **64.0663, 67.4027, 73.4016**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **32.4685, 35.4048, 28.4151** is the 20% darker color. If you saturate the color by 10%, you get **60.5292, 66.9468, 46.3888**, and if you desaturate by 10%, it is **65.6543, 69.6139, 71.4742**.

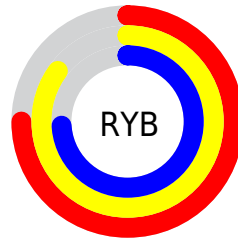
Distribution



Red (85%)

Green (85%)

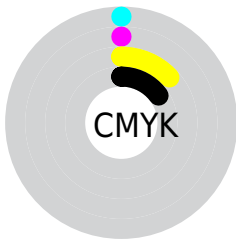
Blue (74%)



Red (75%)

Yellow (85%)

Blue (74%)

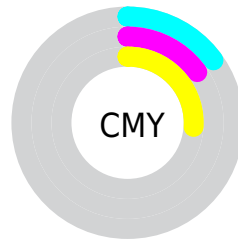


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9116, 68.2053, 57.9932 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 62.9116, 68.2053, 57.9932 by changing the saturation by 10% instead.

■ 62.9116, 68.2053,
57.9932

■ 62.9116, 68.2053,
57.9932

424.9134,
454.2231, 434.7581

■ 46.0281, 50.0648,
41.3885

■ 108.1245,
116.6458, 103.4276

■ 32.4727, 35.4649,
28.3008

137.1846,
147.7145, 133.0945

■ 21.8801, 24.0212,
18.3115

171.0342,
183.8615, 167.9524

■ 13.8849, 15.3493,
11.0021

210.0388,
225.4710, 208.4201

■ 8.1218, 9.0649,
5.9541

254.5636,
272.9276, 254.9159

■ 4.2255, 4.7836,
2.7488

304.9741,

■ 1.8305, 2.1208,

326.6155, 307.8585

0.9679

361.6356,
386.9192, 367.6664

■ 0.5359, 0.6763,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9116, 68.2053,
57.9932

■ 62.9116, 68.2053,
57.9932

■ 60.5292, 66.9468,
46.3888

■ 65.6543, 69.6139,
71.4742

■ 58.4858, 65.8229,
36.5732

■ 68.7665, 71.1695,
86.9056

■ 56.7662, 64.8300,
28.4584

■ 72.2643, 72.8807,
104.3623

■ 55.3519, 63.9606,
21.9470

■ 72.5564, 73.3110,
104.9340

■ 54.2226, 63.2066,
16.9319

■ 72.7532, 73.7046,
104.9996

■ 53.3554, 62.5588,
13.2928

■ 72.9509, 74.0999,
105.0655

■ 52.7239, 62.0067,
10.8910

■ 73.1494, 74.4971,
105.1317

■ 52.2964, 61.5375,
9.5588

■ 73.3489, 74.8959,
105.1982

■ 52.0887, 61.2556,
9.0781

■ 73.5492, 75.2966,
105.2650

Harmonies

Analogous

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



66.2395, 68.2053, 57.6474



62.9116, 68.2053, 57.9932



60.1891, 68.2053, 62.4551

Triad

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



62.9116, 68.2053, 57.9932



60.5608, 68.2053, 88.7256



71.3314, 68.2053, 78.3528

Complementary

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



62.9116, 68.2053, 57.9932



52.0544, 52.7066, 73.7600

Split Complementary

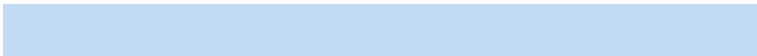
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6974, 68.2053, 87.4747



62.9116, 68.2053, 57.9932



63.4349, 68.2053, 93.8012

Square

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



62.9116, 68.2053, 57.9932



58.8644, 68.2053, 79.9437



66.7811, 68.2053, 93.3246



71.1795, 68.2053, 68.8599

Rectangle

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



62.9116, 68.2053, 57.9932



59.0488, 68.2053, 67.3999



66.7811, 68.2053, 93.3246



70.9705, 68.2053, 81.5790

Sweetspot

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



62.9134, 68.2083, 57.9947



93.3393, 99.1372, 100.4421



56.4553, 55.0389, 56.6224



19.9117, 21.1855, 21.1691



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.



62.9134, 68.2083, 57.9947



88.7181, 96.7551, 77.7520



59.4204, 66.7896, 57.9049



14.1219, 15.1832, 13.9119



31.2233, 36.7322, 5.4444



2.0350, 2.4042, 0.3568

Inverse Universe

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



52.0544, 52.7066, 73.7600



70.2935, 70.4534, 104.5017



55.2239, 54.0216, 73.8468



12.3743, 12.6884, 16.4490



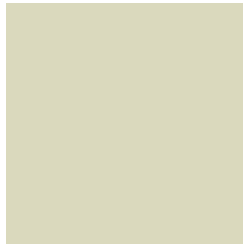
7.6462, 3.1618, 39.9457



0.5083, 0.2307, 2.5922

Previews

White Background



This preview shows how the XYZ color 62.9116, 68.2053, 57.9932 looks on a white background.

Color Contrast Check

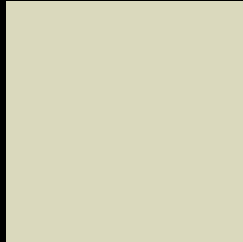
Large Text (above 18pt) WCAG AA × Fail

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 62.9116, 68.2053, 57.9932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

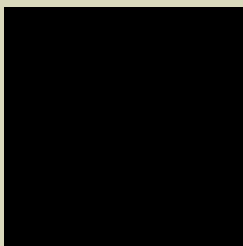
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

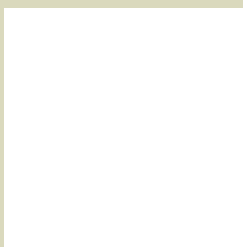
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9116, 68.2053, 57.9932

Background



This preview shows how black text looks on a background with the XYZ color 62.9116, 68.2053, 57.9932.



This preview shows how white text looks on a background with the XYZ color 62.9116, 68.2053,

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

62.9116, 68.2053, 57.9932

Protanopia

64.4289, 68.2393, 57.3527

Deuteranopia

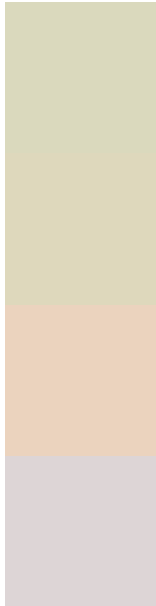
69.3730, 67.7997, 58.7205



Tritanopia

67.7293, 67.8779, 82.9308

Trichromacy



Original Color

62.9116, 68.2053, 57.9932

Protanomaly

63.7572, 68.2722, 57.3944

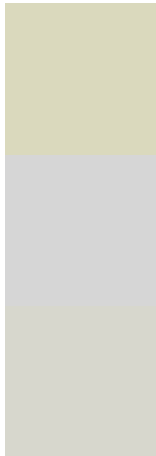
Deuteranomaly

66.8495, 67.9684, 58.3111

Tritanomaly

65.7506, 67.8157, 73.2426

Monochromacy



Original Color

62.9116, 68.2053, 57.9932

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3442, 67.4557, 67.4393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9116, 68.2053, 57.9932 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(218, 217, 189) looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 189)  
}
```

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(218, 217, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 189) }
```

Border

The CSS property to change the border of an element to XYZ 62.9116, 68.2053, 57.9932 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(218, 217, 189) }
```


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

```
.border{ border-color:rgb(218, 217, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 217, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 189);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9116, 68.2053, 57.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 189) }
```

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

```
.background{ background-color: rgb(218,  
217, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor