

Converting Colors

XYZ(56.5415, 62.8810, 61.4845)

Have a look what the booklet for
XYZ(56.5415, 62.8810, 61.4845)
contains.

XYZ(56.5332, 62.9428, 61.3941)	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(56.5332, 62.9428,
61.3941)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D4C4
RGB	197, 212, 196
RGB Percent	77%, 83%, 77%
CMY	0.2274, 0.1686, 0.2314
CMYK	0.07, 0.00, 0.08, 0.17
HSL	116°, 16%, 80%
HSV	116°, 8%, 83%
XYZ	56.5332, 62.9428, 61.3941
YIQ	205.6910, -3.8040, -8.1560

Conversions

Conversions Part 2

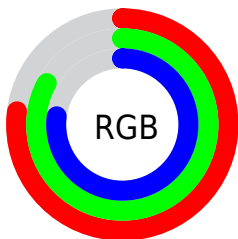
Format	Color
RYB	196, 212, 211
Decimal	12965060
CIELab	83.41, -8.01, 6.17
CIElCh	83, 10.111, 142.380
Yxy	62.9428, 0.3126, 0.3480
Android (android.graphics.Color)	4291155140 (0xFFC5D4C4)
YUV	205.6910, -4.7777, -7.6220
Hunter-Lab	79.3365, -11.6442, 9.6543

Details

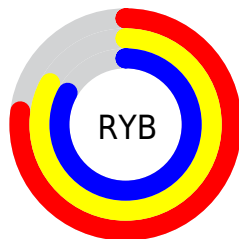
The XYZ color **56.5332, 62.9428, 61.3941** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4901, 58.0840, 70.4192**, and the grayscale version is **58.5014, 61.5481, 67.0258**.

A 20% lighter version of the original color is **94.3627, 99.6827, 107.1957**, and **28.2671, 31.9066, 30.2599** is the 20% darker color. If you saturate the color by 10%, you get **49.4229, 59.5385, 49.3423**, and if you desaturate by 10%, it is **64.6743, 66.8427, 75.2768**.

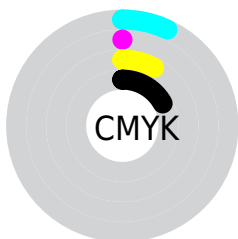
Distribution



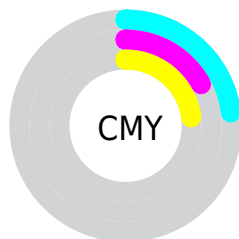
- Red (77%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5332, 62.9428, 61.3941 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 56.5332, 62.9428, 61.3941 by changing the saturation by 10% instead.

■ 56.5332, 62.9428,
61.3941

■ 56.5332, 62.9428,
61.3941

401.7404,
435.3619, 447.6640

■ 40.8693, 45.7949,
44.1107

98.9190, 109.0870,
108.4124

■ 28.4042, 32.0840,
30.4197

126.3717,
138.8521, 138.9844

■ 18.7725, 21.4257,
19.9026

158.4845,
173.5917, 174.8230

■ 11.6091, 13.4355,
12.1409

195.6230,
213.6903, 216.3468

■ 6.5484, 7.7291,
6.7160

238.1525,
259.5322, 263.9742

■ 3.2251, 3.9221,
3.2094


286.4383,

■ 1.2739, 1.6301,


311.5019, 318.1239


1.2025


340.8458,
369.9836, 379.2143


 0.1635, 0.3778,
0.0000


 0.0000, 0.0000,
0.0000


 56.5332, 62.9428,
61.3941


 56.5332, 62.9428,
61.3941


 49.4229, 59.5385,
49.3423


 64.6743, 66.8427,
75.2768

 43.2974, 56.6023,
39.0411

 73.8795, 71.2484,
91.0578

 38.1146, 54.1162,
30.4102

 82.8347, 75.5694,
104.8282

 33.8278, 52.0579,
23.3619

■ 30.3861, 50.4031,
17.7999

■ 27.7335, 49.1255,
13.6180

■ 25.8071, 48.1951,
10.6954

■ 24.5346, 47.5777,
8.8911

■ 23.8248, 47.2305,
8.0100

Harmonies

Analogous

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



58.2272, 62.9428, 57.9199



56.5332, 62.9428, 61.3941



55.7252, 62.9428, 66.9384

Triad

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



56.5332, 62.9428, 61.3941



59.2655, 62.9428, 81.2718



63.8272, 62.9428, 64.0190

Complementary

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



56.5332, 62.9428, 61.3941



58.4901, 58.0840, 70.4192

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.



64.1216, 62.9428, 70.1548



56.5332, 62.9428, 61.3941



61.4522, 62.9428, 80.3716

Square

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



56.5332, 62.9428, 61.3941



57.2773, 62.9428, 78.5965



63.2427, 62.9428, 76.2071



62.4477, 62.9428, 59.3693

Rectangle

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



56.5332, 62.9428, 61.3941



55.7835, 62.9428, 71.1674



63.2427, 62.9428, 76.2071



64.0577, 62.9428, 65.9664

Sweetspot

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



56.5349, 62.9455, 61.3955



92.5023, 98.7802, 104.5514



60.3957, 64.5411, 61.5000



19.8260, 21.1558, 22.4238



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.



56.5349, 62.9455, 61.3955



84.0949, 94.7541, 90.2383



57.0820, 63.1342, 65.6377



12.3335, 13.9326, 13.1999



14.6683, 29.1381, 4.8511



0.9105, 1.7708, 0.2938

Inverse Universe

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



58.4901, 58.0840, 70.4192



87.6353, 85.9505, 106.5790



57.9210, 57.8895, 65.9230



12.8729, 12.5914, 15.6894



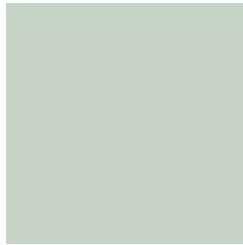
21.8695, 10.4267, 39.3130



1.3428, 0.6411, 2.3723

Previews

White Background



This preview shows how the XYZ color 56.5332, 62.9428, 61.3941 looks on a white background.

Color Contrast Check

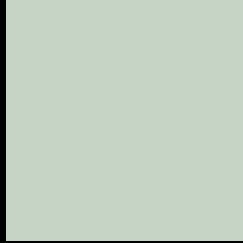
Large Text (above 18pt) WCAG AA × Fail

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 56.5332, 62.9428, 61.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

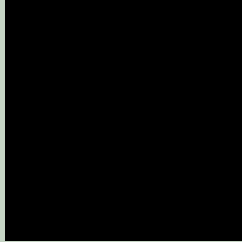
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

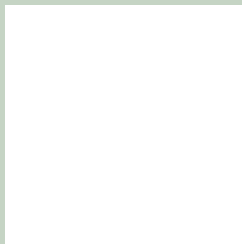
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5332, 62.9428, 61.3941

Background



This preview shows how black text looks on a background with the XYZ color 56.5332, 62.9428, 61.3941.



This preview shows how white text looks on a background with the XYZ color 56.5332, 62.9428,

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

56.5332, 62.9428, 61.3941

Protanopia

59.9628, 62.9230, 59.4370

Deuteranopia

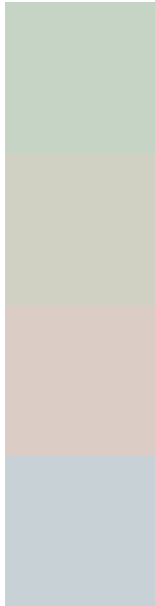
64.0347, 62.8394, 62.1803



Tritanopia

60.0978, 62.9111, 79.4966

Trichromacy



Original Color

56.5332, 62.9428, 61.3941

Protanomaly

58.5505, 62.9059, 60.0950

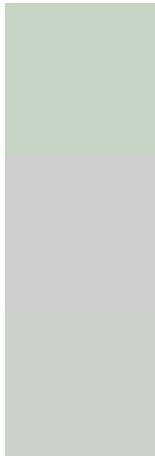
Deuteranomaly

61.1228, 62.7539, 61.7145

Tritanomaly

58.7575, 62.7353, 72.6306

Monochromacy



Original Color

56.5332, 62.9428, 61.3941

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8451, 62.0725, 64.8095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5332, 62.9428, 61.3941 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(197, 212, 196) looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 196)  
}
```

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(197, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.5332, 62.9428, 61.3941 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(197, 212, 196) }
```


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

```
.border{ border-color:rgb(197, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5332, 62.9428, 61.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 196) }
```

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

```
.background{ background-color: rgb(197,  
212, 196) }
```

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