

Converting Colors

XYZ(56.9444, 62.3281, 60.7294)

Have a look what the booklet for
XYZ(56.9444, 62.3281, 60.7294)
contains.

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Color

**XYZ(56.9843, 62.4508,
60.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D2C3
RGB	201, 210, 195
RGB Percent	79%, 82%, 76%
CMY	0.2118, 0.1765, 0.2353
CMYK	0.04, 0.00, 0.07, 0.18
HSL	96°, 14%, 79%
HSV	96°, 7%, 82%
XYZ	56.9843, 62.4508, 60.6806
YIQ	205.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

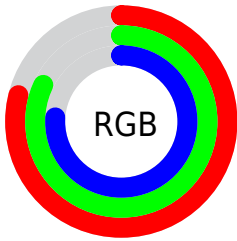
Format	Color
RYB	195, 210, 204
Decimal	13226691
CIELab	83.15, -5.77, 6.37
CIELCh	83, 8.595, 132.204
Yxy	62.4508, 0.3164, 0.3467
Android (android.graphics.Color)	4291416771 (0xFFC9D2C3)
YUV	205.5990, -5.2253, -4.0333
Hunter-Lab	79.0258, -9.5816, 9.7918

Details

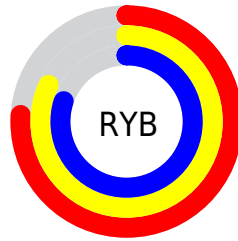
The XYZ color **56.9843, 62.4508, 60.6806** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0522, 56.5225, 68.9316**, and the grayscale version is **58.4440, 61.4876, 66.9600**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **28.7288, 31.9031, 29.8430** is the 20% darker color. If you saturate the color by 10%, you get **51.5252, 59.8937, 48.8899**, and if you desaturate by 10%, it is **63.0588, 65.2902, 74.2459**.

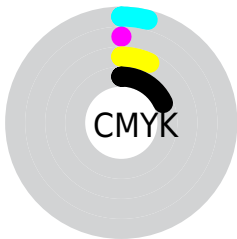
Distribution



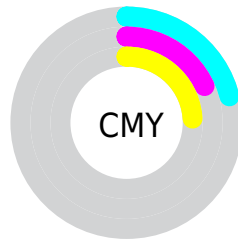
- Red (79%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9843, 62.4508, 60.6806 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 56.9843, 62.4508, 60.6806 by changing the saturation by 10% instead.

■ 56.9843, 62.4508,
60.6806

■ 56.9843, 62.4508,
60.6806

403.4056,
433.5736, 444.9760

■ 41.2327, 45.3971,
43.5386

99.5738, 108.3768,
107.3694

■ 28.6895, 31.7703,
29.9734

127.1424,
138.0178, 137.7532

■ 18.9891, 21.1861,
19.5665

159.3807,
172.6234, 173.3880

■ 11.7664, 13.2601,
11.8994

196.6541,
212.5780, 214.6923

■ 6.6559, 7.6079,
6.5535

239.3279,
258.2659, 262.0848

■ 3.2922, 3.8451,
3.1103

287.7676,

■ 1.3101, 1.5873,

310.0715, 315.9838

1.1512

342.3383,
368.3793, 376.8081

■ 0.1908, 0.3490,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9843, 62.4508,
60.6806

■ 56.9843, 62.4508,
60.6806

■ 51.5252, 59.8937,
48.8899

■ 63.0588, 65.2902,
74.2459

■ 46.6559, 57.6018,
38.7965

■ 69.7631, 68.4124,
89.6508

■ 42.3565, 55.5685,
30.3232

■ 76.6301, 71.6332,
104.3955

■ 38.6036, 53.7835,
23.3854

■ 81.0301, 73.9015,
104.6014

■ 35.3724, 52.2360,
17.8909

■ 82.3378, 74.5756,
104.6626

■ 32.6356, 50.9142,
13.7374

■ 30.3633, 49.8053,
10.8092

■ 28.5210, 48.8943,
8.9711

■ 27.0652, 48.1628,
8.0421

Harmonies

Analogous

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



58.6038, 62.4508, 58.4587



56.9843, 62.4508, 60.6806



56.0128, 62.4508, 64.9117

Triad

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



56.9843, 62.4508, 60.6806



58.2699, 62.4508, 78.2384



62.9270, 62.4508, 65.8532

Complementary

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



56.9843, 62.4508, 60.6806



56.0522, 56.5225, 68.9316

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.



62.8330, 62.4508, 71.1812



56.9843, 62.4508, 60.6806



60.1179, 62.4508, 78.5231

Square

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



56.9843, 62.4508, 60.6806



56.7442, 62.4508, 75.1233



61.7959, 62.4508, 75.8819



62.0500, 62.4508, 61.3387

Rectangle

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



56.9843, 62.4508, 60.6806



55.8506, 62.4508, 68.3935



61.7959, 62.4508, 75.8819



63.0084, 62.4508, 67.6046

Sweetspot

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



56.9860, 62.4535, 60.6820



93.1226, 99.1000, 104.5804



58.0240, 60.8300, 60.3139



19.9523, 21.2209, 22.4297



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.



56.9860, 62.4535, 60.6820



86.6859, 96.0898, 90.3595



55.5750, 61.7064, 61.5060



12.0973, 13.4336, 12.5674



16.3935, 29.3201, 4.7953



1.0051, 1.6850, 0.2723

Inverse Universe

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



56.0522, 56.5225, 68.9316



84.8646, 84.5222, 106.4493



57.5426, 57.3122, 68.0301



11.8344, 11.7634, 14.8905



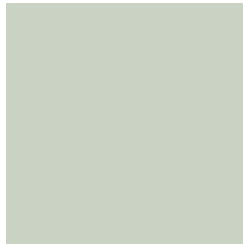
12.4627, 5.6050, 37.6175



0.7851, 0.3589, 2.1075

Previews

White Background



This preview shows how the XYZ color 56.9843, 62.4508, 60.6806 looks on a white background.

Color Contrast Check

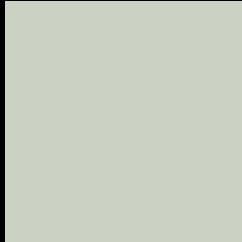
Large Text (above 18pt) WCAG AA × Fail

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 56.9843, 62.4508, 60.6806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

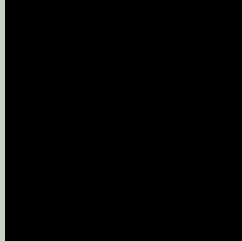
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

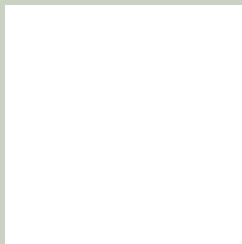
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9843, 62.4508, 60.6806

Background



This preview shows how black text looks on a background with the XYZ color 56.9843, 62.4508, 60.6806.



This preview shows how white text looks on a background with the XYZ color 56.9843, 62.4508,

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

56.9843, 62.4508, 60.6806

Protanopia

59.4285, 62.2890, 59.3428

Deuteranopia

63.6873, 62.3287, 61.4973



Tritanopia

60.4330, 62.3957, 77.9657

Trichromacy



Original Color

56.9843, 62.4508, 60.6806

Protanomaly

58.3449, 62.0760, 59.9457

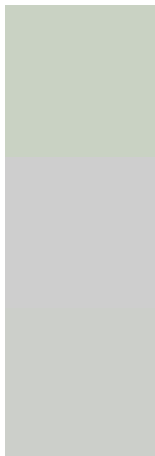
Deuteranomaly

61.0719, 62.3869, 61.0476

Tritanomaly

59.0983, 62.2165, 71.1815

Monochromacy



Original Color

56.9843, 62.4508, 60.6806

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8753, 61.7273, 64.7413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9843, 62.4508, 60.6806 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, 210, 195) looks like.

```
.text, #text, p{  
    color:rgb(201, 210, 195)  
}
```

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, 210, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 210, 195) }
```

Border

The CSS property to change the border of an element to XYZ 56.9843, 62.4508, 60.6806 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, 210, 195) }
```


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

```
.border{ border-color:rgb(201, 210, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 210, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 210, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 210, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 210,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9843, 62.4508, 60.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 210, 195) }
```

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

```
.background{ background-color: rgb(201,  
210, 195) }
```

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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