

# Converting Colors

XYZ(62.3986, 68.8078, 54.2579)

Have a look what the booklet for  
XYZ(62.3986, 68.8078, 54.2579)  
contains.

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# Color

**XYZ(62.3903, 68.7921,  
54.2459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9DBB6
RGB	217, 219, 182
RGB Percent	85%, 86%, 71%
CMY	0.1490, 0.1412, 0.2863
CMYK	0.01, 0.00, 0.17, 0.14
HSL	63°, 34%, 79%
HSV	63°, 17%, 86%
XYZ	62.3903, 68.7921, 54.2459
YIQ	214.1840, 10.6850, -11.9310

# Conversions

## Conversions Part 2

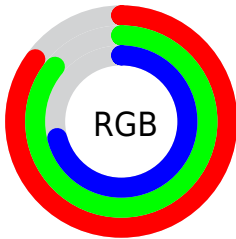
Format	Color
<b>RYB</b>	182, 219, 184
Decimal	14277558
CIELab	86.40, -6.84, 18.00
CIElCh	86, 19.261, 110.813
Yxy	68.7921, 0.3365, 0.3710
Android (android.graphics.Color)	4292467638 (0xFFD9DBB6)
YUV	214.1840, -15.8667, 2.4696
Hunter-Lab	82.9410, -10.8746, 19.2813

# Details

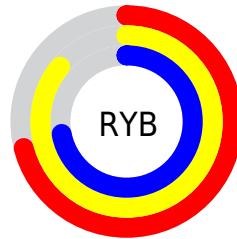
The XYZ color **62.3903, 68.7921, 54.2459** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2839, 48.7626, 73.8361**, and the grayscale version is **64.1404, 67.4807, 73.4864**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.1382, 35.8173, 25.9884** is the 20% darker color. If you saturate the color by 10%, you get **59.9511, 67.7781, 43.2269**, and if you desaturate by 10%, it is **65.1897, 69.9551, 67.1322**.

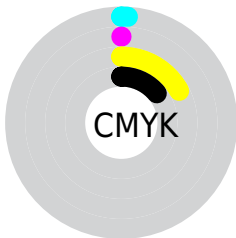
# Distribution



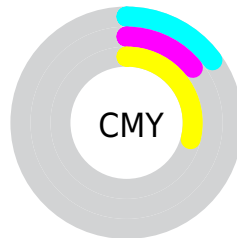
- Red (85%)
- Green (86%)
- Blue (71%)



- Red (71%)
- Yellow (86%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3903, 68.7921, 54.2459 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 62.3903, 68.7921, 54.2459 by changing the saturation by 10% instead.



■ 62.3903, 68.7921,  
54.2459

■ 62.3903, 68.7921,  
54.2459

423.0483,  
456.2974, 420.2481

■ 45.6049, 50.5424,  
38.4038

■ 107.3762,  
117.4846, 97.8952

■ 32.1375, 35.8446,  
25.9920

136.3074,  
148.6962, 126.5395

■ 21.6226, 24.3142,  
16.5919

170.0180,  
184.9972, 160.2883

■ 13.6949, 15.5668,  
9.7851

208.8732,  
226.7720, 199.5601

■ 7.9890, 9.2182,  
5.1530

253.2385,  
274.4050, 244.7734

■ 4.1397, 4.8838,  
2.2770

303.4792,

■ 1.7815, 2.1792,

328.2807, 296.3468

0.7183

359.9607,  
388.7833, 354.6989

■ 0.5065, 0.7086,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.3903, 68.7921,  
54.2459

■ 62.3903, 68.7921,  
54.2459

■ 59.9511, 67.7781,  
43.2269

■ 65.1897, 69.9551,  
67.1322

■ 57.8502, 66.8975,  
33.9845

■ 68.3593, 71.2641,  
81.9623

■ 56.0717, 66.1461,  
26.4269

■ 71.9152, 72.7279,  
98.8135

■ 54.5964, 65.5162,  
20.4523

■ 73.4294, 73.3754,  
104.9005

■ 53.4027, 64.9993,  
15.9481

■ 73.7936, 73.5631,  
104.9175

■ 52.4666, 64.5857,  
12.7868

■ 74.1603, 73.7521,  
104.9347

■ 51.7596, 64.2641,  
10.8191

■ 74.5295, 73.9425,  
104.9519

■ 51.2450, 64.0197,  
9.8513

■ 74.9014, 74.1342,  
104.9693

■ 51.1047, 63.9516,  
9.6504

■ 75.2758, 74.3272,  
104.9869

# Harmonies

## Analogous

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



66.7609, 68.7921, 53.2159



62.3903, 68.7921, 54.2459



58.9722, 68.7921, 60.4570

# Triad

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



62.3903, 68.7921, 54.2459



60.1242, 68.7921, 95.5554



74.2038, 68.7921, 78.8851

# Complementary

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



62.3903, 68.7921, 54.2459



49.2839, 48.7626, 73.8361

# Split Complementary

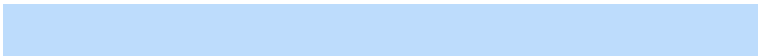
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2462, 68.7921, 91.4841



62.3903, 68.7921, 54.2459



64.0278, 68.7921, 101.8021

# Square

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



62.3903, 68.7921, 54.2459



57.7058, 68.7921, 83.9554



68.4737, 68.7921, 100.2332



73.7166, 68.7921, 66.5257



# Rectangle

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



62.3903, 68.7921, 54.2459



57.6293, 68.7921, 67.1319



68.4737, 68.7921, 100.2332



73.8067, 68.7921, 83.2516

# Sweetspot

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



62.3921, 68.7951, 54.2474



92.8110, 99.0751, 98.4331



54.7685, 52.6579, 51.5344



19.8003, 21.1793, 20.7660



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.



62.3921, 68.7951, 54.2474



86.8900, 96.6194, 71.1966



57.2379, 66.1381, 54.0062



14.0889, 15.2261, 13.9219



30.3317, 37.9340, 5.7234



1.9868, 2.4688, 0.3718



# Inverse Universe

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



49.2839, 48.7626, 73.8361



65.3087, 63.6370, 103.4488



53.9682, 51.1774, 74.0553



12.4036, 12.6507, 16.4402



7.6992, 3.0933, 39.9297

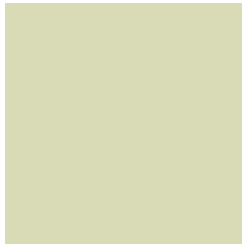


0.5223, 0.2125, 2.5879



# Previews

## White Background



This preview shows how the XYZ color 62.3903, 68.7921, 54.2459 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

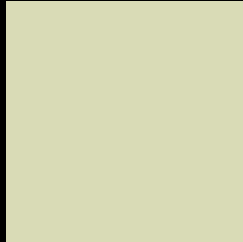
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.3903, 68.7921, 54.2459 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

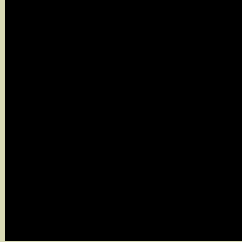
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

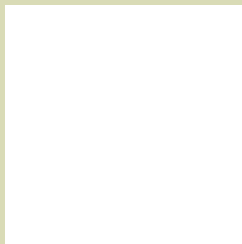
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 62.3903, 68.7921, 54.2459**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.3903, 68.7921, 54.2459.



This preview shows how white text looks on a background with the XYZ color 62.3903, 68.7921,



# 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

62.3903, 68.7921, 54.2459

### Protanopia

64.7890, 68.9010, 53.0645

### Deuteranopia

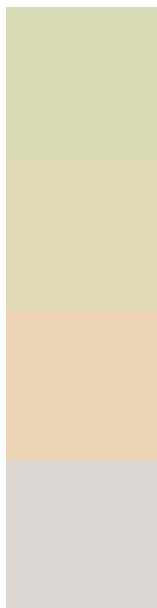
69.9190, 68.5289, 54.8897



## Tritanopia

68.1178, 68.4321, 83.7473

# Trichromacy



## Original Color

62.3903, 68.7921, 54.2459

## Protanomaly

63.8938, 68.8092, 53.6300

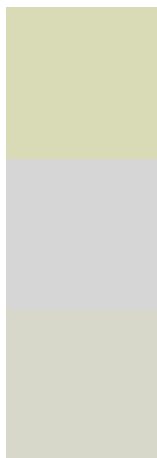
## Deuteranomaly

67.0158, 68.5104, 54.4915

## Tritanomaly

66.0029, 68.7265, 72.0742

# Monochromacy



## Original Color

62.3903, 68.7921, 54.2459

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

63.2409, 67.8231, 65.6351

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.3903, 68.7921, 54.2459 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(217, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(217, 219, 182)  
}
```

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(217, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 219, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 62.3903, 68.7921, 54.2459 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(217, 219, 182) }
```



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

```
.border{ border-color:rgb(217, 219, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 219, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(217, 219,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.3903, 68.7921, 54.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 219, 182) }
```

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

```
.background{ background-color: rgb(217,  
219, 182) }
```

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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