

Converting Colors

XYZ(53.7328, 62.7648, 38.0543)

Have a look what the booklet for
XYZ(53.7328, 62.7648, 38.0543)
contains.

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Color

**XYZ(53.6390, 62.7127,
38.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D696
RGB	201, 214, 150
RGB Percent	79%, 84%, 59%
CMY	0.2118, 0.1608, 0.4118
CMYK	0.06, 0.00, 0.30, 0.16
HSL	72°, 44%, 71%
HSV	72°, 30%, 84%
XYZ	53.6390, 62.7127, 38.1318
YIQ	202.8170, 12.7960, -22.6600

Conversions

Conversions Part 2

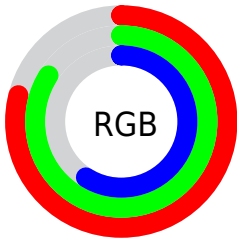
Format	Color
RYB	150, 214, 163
Decimal	13227670
CIELab	83.29, -14.79, 30.22
CIELCh	83, 33.642, 116.076
Yxy	62.7127, 0.3472, 0.4060
Android (android.graphics.Color)	4291417750 (0xFFC9D696)
YUV	202.8170, -26.0388, -1.5935
Hunter-Lab	79.1914, -17.6807, 26.8849

Details

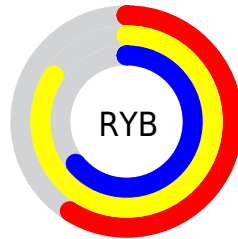
The XYZ color **53.6390, 62.7127, 38.1318** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.1506, 34.4559, 68.2618**, and the grayscale version is **56.8039, 59.7621, 65.0810**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **26.4568, 31.7891, 16.2968** is the 20% darker color. If you saturate the color by 10%, you get **50.9188, 61.4936, 29.8160**, and if you desaturate by 10%, it is **56.7102, 64.0803, 48.1093**.

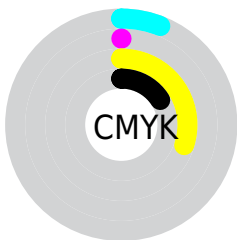
Distribution



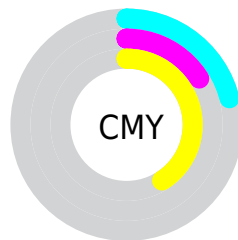
- Red (79%)
- Green (84%)
- Blue (59%)



- Red (59%)
- Yellow (84%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)





- Cyan (21%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6390, 62.7127, 38.1318 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 53.6390, 62.7127, 38.1318 by changing the saturation by 10% instead.


 53.6390, 62.7127,
38.1318


 53.6390, 62.7127,
38.1318


390.9528,
434.5261, 353.5001

 38.5426, 45.6088,
25.7824


 94.7040, 108.7549,
73.5158

 26.5832, 31.9372,
16.4366


 121.4033,
138.4621, 97.3874

 17.3954, 21.3136,
9.6759

152.7011,
173.1391, 125.9368

 10.6139, 13.3534,
5.0818

188.9625,
213.1703, 159.5826

 5.8732, 7.6724,
2.2358

230.5531,
258.9403, 198.7433

 2.8081, 3.8860,
0.6949

277.8380,

 1.0531, 1.6100,

310.8333, 243.8374

0.0000

331.1828,
369.2338, 295.2835

0.0000, 0.3643,
0.0000

0.0000, 0.0000,
0.0000

53.6390, 62.7127,
38.1318

53.6390, 62.7127,
38.1318

50.9188, 61.4936,
29.8160

56.7102, 64.0803,
48.1093

48.5275, 60.4078,
23.0676

60.1438, 65.5946,
59.8281

46.4476, 59.4502,
17.7890

63.9564, 67.2643,
73.3672

44.6578, 58.6124,
13.8700

68.1622, 69.0953,
88.7998

■ 43.1341, 57.8848,
11.1849

■ 72.4501, 70.9630,
104.4864

■ 41.8478, 57.2558,
9.5848

■ 73.8052, 71.6615,
104.5499

■ 40.7482, 56.7050,
8.8032

■ 75.1949, 72.3780,
104.6149

■ 40.7384, 56.7001,
8.7971

■ 76.6196, 73.1124,
104.6816

■ 78.0794, 73.8650,
104.7499

Harmonies

Analogous

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



60.5737, 62.7127, 35.4811



53.6390, 62.7127, 38.1318



48.6872, 62.7127, 48.1906

Triad

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



53.6390, 62.7127, 38.1318



52.1009, 62.7127, 107.4300



74.7583, 62.7127, 71.0757

Complementary

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



53.6390, 62.7127, 38.1318



38.1506, 34.4559, 68.2618

Split Complementary

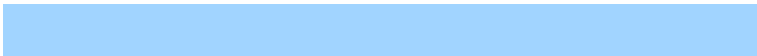
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0474, 62.7127, 93.3043



53.6390, 62.7127, 38.1318



58.6497, 62.7127, 116.8336

Square

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



53.6390, 62.7127, 38.1318



47.8515, 62.7127, 87.5509



66.0010, 62.7127, 111.2000



73.1445, 62.7127, 52.0730

Rectangle

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



53.6390, 62.7127, 38.1318



46.9778, 62.7127, 59.0472



66.0010, 62.7127, 111.2000



74.3172, 62.7127, 78.4360

Sweetspot

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



53.6406, 62.7155, 38.1331



89.8777, 97.7353, 90.5089



46.3005, 42.6234, 34.6418



19.0680, 20.8449, 18.7818



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.



53.6406, 62.7155, 38.1331



77.0962, 92.0638, 48.4511



45.9589, 58.7554, 37.7736



13.2142, 14.3866, 13.2411



24.7098, 34.3147, 5.3211



1.5543, 2.1027, 0.3239

Inverse Universe

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



38.1506, 34.4559, 68.2618



50.4395, 43.4127, 100.3288



45.5001, 38.2447, 68.6058



11.9760, 12.1290, 15.6474



8.0199, 3.2869, 38.6649



0.5528, 0.2338, 2.3353

Previews

White Background



This preview shows how the XYZ color 53.6390, 62.7127, 38.1318 looks on a white background.

Color Contrast Check

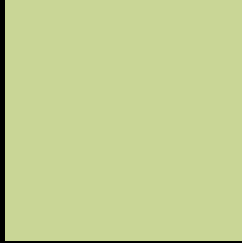
Large Text (above 18pt) WCAG AA × Fail

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 53.6390, 62.7127, 38.1318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

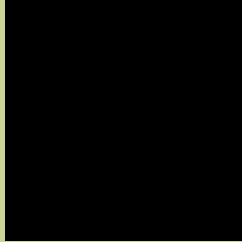
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6390, 62.7127, 38.1318

Background



This preview shows how black text looks on a background with the XYZ color 53.6390, 62.7127, 38.1318.



This preview shows how white text looks on a background with the XYZ color 53.6390, 62.7127,

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

53.6390, 62.7127, 38.1318

Protanopia

58.0107, 62.4202, 36.5946

Deuteranopia

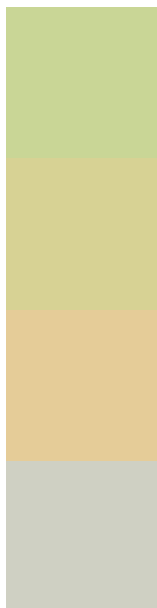
63.8294, 62.5592, 38.8480



Tritanopia

61.4608, 62.5847, 77.2473

Trichromacy



Original Color

53.6390, 62.7127, 38.1318

Protanomaly

56.4162, 62.6784, 37.1417

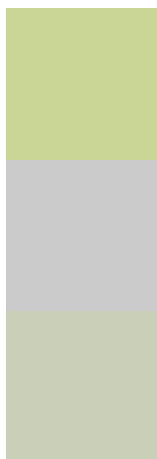
Deuteranomaly

59.5735, 62.1107, 38.5545

Tritanomaly

58.1383, 62.3173, 60.5940

Monochromacy



Original Color

53.6390, 62.7127, 38.1318

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.3217, 60.6429, 54.1369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6390, 62.7127, 38.1318 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, 214, 150)` looks like.

```
.text, #text, p{  
    color:rgb(201, 214, 150)  
}
```

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, 214, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 214, 150) }
```

Border

The CSS property to change the border of an element to XYZ 53.6390, 62.7127, 38.1318 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, 214, 150) }
```


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

```
.border{ border-color:rgb(201, 214, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 214, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 214, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 214, 150);  
box-shadow:4px 4px 4px 4px rgb(201, 214,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6390, 62.7127, 38.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 214, 150) }
```

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

```
.background{ background-color: rgb(201,  
214, 150) }
```

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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