

Converting Colors

XYZ(55.8613, 61.9981, 39.0198)

Have a look what the booklet for
XYZ(55.8613, 61.9981, 39.0198)
contains.

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Color

**XYZ(55.9908, 62.0470,
39.1622)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D199
RGB	213, 209, 153
RGB Percent	84%, 82%, 60%
CMY	0.1647, 0.1804, 0.4000
CMYK	0.00, 0.02, 0.28, 0.16
HSL	56°, 42%, 72%
HSV	56°, 28%, 84%
XYZ	55.9908, 62.0470, 39.1622
YIQ	203.8120, 20.3600, -16.5680

Conversions

Conversions Part 2

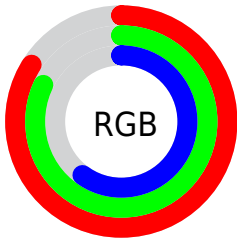
Format	Color
RYB	157, 213, 153
Decimal	14012825
CIELab	82.94, -7.32, 28.35
CIELCh	83, 29.279, 104.468
Yxy	62.0470, 0.3562, 0.3947
Android (android.graphics.Color)	4292202905 (0xFFD5D199)
YUV	203.8120, -25.0503, 8.0579
Hunter-Lab	78.7699, -10.9670, 25.6616

Details

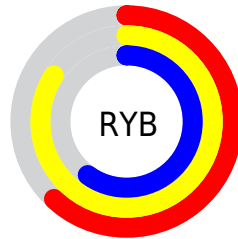
The XYZ color **55.9908, 62.0470, 39.1622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2039, 35.6894, 67.8788**, and the grayscale version is **57.4213, 60.4117, 65.7883**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **28.1709, 31.6514, 16.9365** is the 20% darker color. If you saturate the color by 10%, you get **54.0405, 60.7148, 30.5939**, and if you desaturate by 10%, it is **58.2614, 63.5166, 49.3881**.

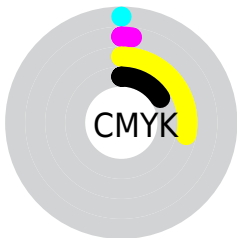
Distribution



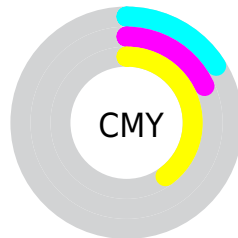
- Red (84%)
- Green (82%)
- Blue (60%)



- Red (62%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (16%)




- Cyan (16%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9908, 62.0470, 39.1622 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 55.9908, 62.0470, 39.1622 by changing the saturation by 10% instead.


 55.9908, 62.0470,
39.1622


 55.9908, 62.0470,
39.1622


399.7324,
432.1025, 358.0261

 40.4325, 45.0707,
26.5771


 98.1310, 107.7935,
75.1091

 28.0616, 31.5131,
17.0263

 125.4437,
137.3324, 99.3080

 18.5128, 20.9899,
10.0911


157.4051,
171.8276, 128.2153

 11.4207, 13.1166,
5.3530

194.3808,
211.6636, 162.2495

 6.4199, 7.5089,
2.3935

236.7360,
257.2247, 201.8291

 3.1451, 3.7823,
0.7829

284.8361,

 1.2310, 1.5526,

308.8952, 247.3728

0.0000

339.0465,
367.0597, 299.2989

■ 0.1306, 0.3253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9908, 62.0470,
39.1622

■ 55.9908, 62.0470,
39.1622

■ 54.0405, 60.7148,
30.5939

■ 58.2614, 63.5166,
49.3881

■ 52.3891, 59.5049,
23.5912

■ 60.8631, 65.1215,
61.3492

■ 51.0199, 58.4128,
18.0594

■ 63.8120, 66.8702,
75.1228

■ 49.9126, 57.4304,
13.8917

■ 67.1215, 68.7682,
90.7805

■ 49.0443, 56.5485,
10.9670

■ 70.0712, 70.5272,
104.5277

■ 48.3878, 55.7563,
9.1429

■ 70.4363, 71.2575,
104.6494

■ 47.9035, 55.0378,
8.2106

■ 70.8045, 71.9940,
104.7722

■ 47.8224, 54.9097,
8.0781

■ 71.1760, 72.7368,
104.8960

■ 71.5505, 73.4860,
105.0208

Harmonies

Analogous

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



62.2866, 62.0470, 39.2786



55.9908, 62.0470, 39.1622



50.8674, 62.0470, 45.6494

Triad

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



55.9908, 62.0470, 39.1622



50.7230, 62.0470, 94.9754



71.4684, 62.0470, 77.3087

Complementary

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



55.9908, 62.0470, 39.1622



37.2039, 35.6894, 67.8788

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.



67.8987, 62.0470, 95.5499



55.9908, 62.0470, 39.1622



55.7806, 62.0470, 106.9246

Square

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



55.9908, 62.0470, 39.1622



47.9767, 62.0470, 76.6280



62.0609, 62.0470, 107.1518



71.5348, 62.0470, 59.2347

Rectangle

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



55.9908, 62.0470, 39.1622



48.6781, 62.0470, 53.6464



62.0609, 62.0470, 107.1518



70.6276, 62.0470, 83.6894

Sweetspot

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



55.9924, 62.0498, 39.1635



91.5059, 97.8915, 92.3667



44.9181, 39.3636, 37.1296



19.4516, 20.8713, 19.1477



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.



55.9924, 62.0498, 39.1635



82.2819, 91.9905, 50.6117



50.0380, 60.4535, 39.1692



13.3988, 14.3717, 13.2285



29.2419, 33.6010, 4.9444



1.7855, 2.0702, 0.3055

Inverse Universe

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



37.2039, 35.6894, 67.8788



49.4124, 45.8779, 100.8587



41.9925, 37.1710, 67.9124



11.8083, 12.1401, 15.6584



7.4604, 3.1826, 38.6743



0.4738, 0.2397, 2.3406

Previews

White Background



This preview shows how the XYZ color 55.9908, 62.0470, 39.1622 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 55.9908, 62.0470, 39.1622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

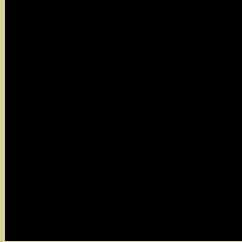
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9908, 62.0470, 39.1622

Background



This preview shows how black text looks on a background with the XYZ color 55.9908, 62.0470, 39.1622.



This preview shows how white text looks on a background with the XYZ color 55.9908, 62.0470,

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

55.9908, 62.0470, 39.1622

Protanopia

57.8630, 61.9392, 38.6115

Deuteranopia

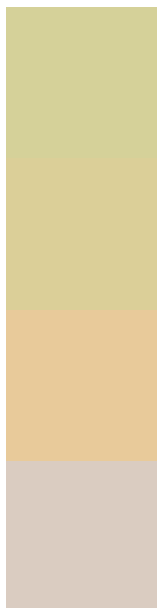
63.0726, 61.8094, 39.6165



Tritanopia

63.1001, 62.1033, 73.6272

Trichromacy



Original Color

55.9908, 62.0470, 39.1622

Protanomaly

57.1937, 61.9527, 38.6494

Deuteranomaly

60.2320, 61.7300, 39.3124

Tritanomaly

60.1319, 61.9414, 59.2387

Monochromacy



Original Color

55.9908, 62.0470, 39.1622

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.5604, 60.9108, 54.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9908, 62.0470, 39.1622 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(213, 209, 153)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 153)  
}
```

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(213, 209, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 153) }
```

Border

The CSS property to change the border of an element to XYZ 55.9908, 62.0470, 39.1622 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(213, 209, 153) }
```


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

```
.border{ border-color:rgb(213, 209, 153) }
```

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

Here you see how a box with a 4 pixel rgb(213, 209, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 153);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9908, 62.0470, 39.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 153) }
```

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

```
.background{ background-color: rgb(213,  
209, 153) }
```

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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