

Converting Colors

XYZ(50.1167, 55.4973, 38.1039)

Have a look what the booklet for
XYZ(50.1167, 55.4973, 38.1039)
contains.

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Color

**XYZ(50.2606, 55.5643,
38.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C799
RGB	201, 199, 153
RGB Percent	79%, 78%, 60%
CMY	0.2118, 0.2196, 0.4000
CMYK	0.00, 0.01, 0.24, 0.21
HSL	58°, 31%, 69%
HSV	58°, 24%, 79%
XYZ	50.2606, 55.5643, 38.2130
YIQ	194.3540, 15.9580, -13.8820

Conversions

Conversions Part 2

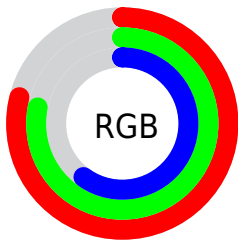
Format	Color
RYB	155, 201, 153
Decimal	13223833
CIELab	79.37, -6.73, 23.35
CIELCh	79, 24.299, 106.078
Yxy	55.5643, 0.3489, 0.3858
Android (android.graphics.Color)	4291413913 (0xFFC9C799)
YUV	194.3540, -20.3875, 5.8285
Hunter-Lab	74.5415, -10.0915, 21.7845

Details

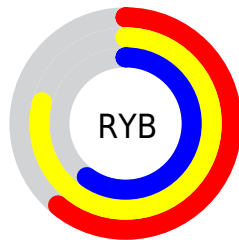
The XYZ color **50.2606, 55.5643, 38.2130** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4007, 34.4312, 60.0386**, and the grayscale version is **51.5996, 54.2868, 59.1183**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **24.3777, 27.3211, 16.5590** is the 20% darker color. If you saturate the color by 10%, you get **48.5473, 54.5741, 30.1299**, and if you desaturate by 10%, it is **52.2576, 56.6734, 47.7717**.

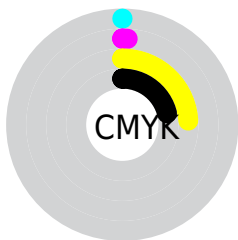
Distribution



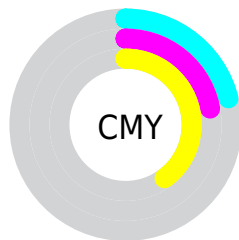
- Red (79%)
- Green (78%)
- Blue (60%)



- Red (61%)
- Yellow (79%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2606, 55.5643, 38.2130 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 50.2606, 55.5643, 38.2130 by changing the saturation by 10% instead.

■ 50.2606, 55.5643,
38.2130

■ 50.2606, 55.5643,
38.2130

378.1193,
408.0474, 353.8583

■ 35.8392, 39.8537,
25.8449

■ 89.7504, 98.3673,
73.6415

■ 24.4795, 27.4245,
16.4829

■ 115.5494,
126.2284, 97.5391

■ 15.8164, 17.8923,
9.7085

145.8717,
158.9085, 126.1169

■ 9.4843, 10.8727,
5.1030

181.0826,
196.7920, 159.7934

■ 5.1180, 5.9813,
2.2481

221.5475,
240.2632, 198.9873

■ 2.3522, 2.8337,
0.7019

267.6316,

■ 0.8212, 1.0455,

289.7066, 244.1171

0.0000

319.7005,
345.5066, 295.6012

■ 0.0000, 0.0000,
0.0000

■ 50.2606, 55.5643,
38.2130

■ 50.2606, 55.5643,
38.2130

■ 48.5473, 54.5741,
30.1299

■ 52.2576, 56.6734,
47.7717

■ 47.0992, 53.6898,
23.4451

■ 54.5469, 57.8993,
58.8710

■ 45.9027, 52.9079,
18.0797

■ 57.1422, 59.2492,
71.5765

■ 44.9410, 52.2215,
13.9454

■ 60.0550, 60.7279,
85.9487

■ 44.1952, 51.6232,
10.9433

■ 63.2963, 62.3396,
102.0451

■ 43.6438, 51.1042,
8.9591

■ 63.7346, 62.8319,
103.3763

■ 43.2604, 50.6542,
7.8548

■ 63.9338, 63.2302,
103.4427

■ 43.0792, 50.4010,
7.4578

■ 64.1340, 63.6306,
103.5094

■ 64.3353, 64.0331,
103.5765

Harmonies

Analogous

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



55.0978, 55.5643, 38.0210



50.2606, 55.5643, 38.2130



46.3493, 55.5643, 43.7358

Triad

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



50.2606, 55.5643, 38.2130



46.5781, 55.5643, 81.9499



62.4345, 55.5643, 67.1859

Complementary

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



50.2606, 55.5643, 38.2130



35.4007, 34.4312, 60.0386

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.



59.8496, 55.5643, 81.0792



50.2606, 55.5643, 38.2130



50.5907, 55.5643, 90.4483

Square

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



50.2606, 55.5643, 38.2130



44.3142, 55.5643, 68.2368



55.4487, 55.5643, 90.1071



62.3325, 55.5643, 53.3714

Rectangle

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



50.2606, 55.5643, 38.2130



44.7052, 55.5643, 50.2623



55.4487, 55.5643, 90.1071



61.8444, 55.5643, 72.0414

Sweetspot

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



50.2620, 55.5668, 38.2142



92.0718, 98.4307, 94.3820



41.4292, 37.5807, 36.2578



19.6548, 21.0403, 19.9475



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.



50.2620, 55.5668, 38.2142



84.3729, 94.1727, 57.4732



45.3199, 53.7050, 38.1153



11.4847, 12.3385, 11.3390



27.1037, 31.7246, 4.6949



1.2954, 1.5261, 0.2263

Inverse Universe

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



35.4007, 34.4312, 60.0386



54.2840, 51.3822, 101.6644



39.5240, 36.0680, 60.1372



10.0914, 10.3570, 13.3847



6.7024, 2.7988, 34.9313



0.3300, 0.1578, 1.6582

Previews

White Background



This preview shows how the XYZ color 50.2606, 55.5643, 38.2130 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 50.2606, 55.5643, 38.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

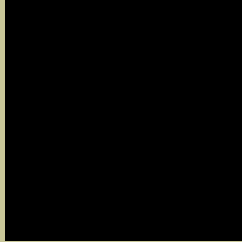
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2606, 55.5643, 38.2130

Background



This preview shows how black text looks on a background with the XYZ color 50.2606, 55.5643, 38.2130.



This preview shows how white text looks on a background with the XYZ color 50.2606, 55.5643,

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

50.2606, 55.5643, 38.2130

Protanopia

51.9858, 55.4485, 37.6684

Deuteranopia

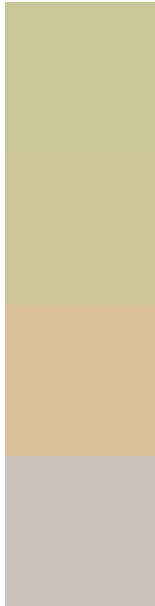
56.7471, 55.5847, 38.7484



Tritanopia

56.1245, 55.6142, 66.8080

Trichromacy



Original Color

50.2606, 55.5643, 38.2130

Protanomaly

51.3659, 55.4649, 37.7043

Deuteranomaly

54.1161, 55.5331, 38.4386

Tritanomaly

53.6616, 55.5972, 54.9168

Monochromacy



Original Color

50.2606, 55.5643, 38.2130

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9026, 54.6048, 50.5048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2606, 55.5643, 38.2130 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, 199, 153)` looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 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(201, 199, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 153) }
```

Border

The CSS property to change the border of an element to XYZ 50.2606, 55.5643, 38.2130 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, 199, 153) }
```


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

```
.border{ border-color:rgb(201, 199, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 153);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2606, 55.5643, 38.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 153) }
```

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

```
.background{ background-color: rgb(201,  
199, 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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