

Converting Colors

XYZ(50.3062, 55.2726, 48.2065)

Have a look what the booklet for
XYZ(50.3062, 55.2726, 48.2065)
contains.

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Color

**XYZ(50.3115, 55.3722,
48.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C7AE
RGB	194, 199, 174
RGB Percent	76%, 78%, 68%
CMY	0.2392, 0.2196, 0.3176
CMYK	0.03, 0.00, 0.13, 0.22
HSL	72°, 18%, 73%
HSV	72°, 13%, 78%
XYZ	50.3115, 55.3722, 48.0806
YIQ	194.6550, 5.0450, -8.8350

Conversions

Conversions Part 2

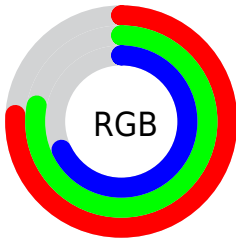
Format	Color
RYB	174, 199, 179
Decimal	12765102
CIELab	79.26, -6.12, 11.93
CIELCh	79, 13.410, 117.147
Yxy	55.3722, 0.3272, 0.3601
Android (android.graphics.Color)	4290955182 (0xFFC2C7AE)
YUV	194.6550, -10.1829, -0.5744
Hunter-Lab	74.4125, -9.5351, 13.7793

Details

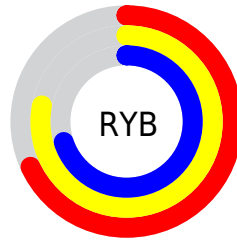
The XYZ color **50.3115, 55.3722, 48.0806** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0375, 43.9809, 60.2040**, and the grayscale version is **51.7243, 54.4180, 59.2612**.

A 20% lighter version of the original color is **89.6865, 97.6864, 88.2571**, and **24.4535, 27.2314, 22.3797** is the 20% darker color. If you saturate the color by 10%, you get **47.5053, 54.1350, 38.5613**, and if you desaturate by 10%, it is **53.4356, 56.7433, 59.1175**.

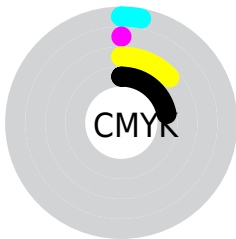
Distribution



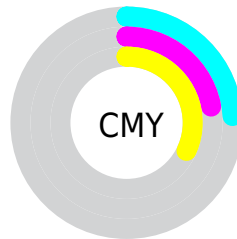
- Red (76%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3115, 55.3722, 48.0806 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 50.3115, 55.3722, 48.0806 by changing the saturation by 10% instead.

■ 50.3115, 55.3722,
48.0806

■ 50.3115, 55.3722,
48.0806

378.3147,
407.3213, 395.6294

■ 35.8798, 39.6998,
33.5303

■ 89.8253, 98.0861,
88.6912

■ 24.5110, 27.3046,
22.2585

115.6381,
125.8963, 115.5885

■ 15.8399, 17.8021,
13.8469

145.9753,
158.5213, 147.4387

■ 9.5011, 10.8080,
7.8767

181.2022,
196.3455, 184.6601

■ 5.1291, 5.9379,
3.9295

221.6843,
239.7531, 227.6713

■ 2.3588, 2.8073,
1.5868

267.7868,

■ 0.8245, 1.0320,

289.1287, 276.8909

0.2813

319.8752,
344.8566, 332.7374

■ 0.0000, 0.0000,
0.0000

■ 50.3115, 55.3722,
48.0806

■ 50.3115, 55.3722,
48.0806

■ 47.5053, 54.1350,
38.5613

■ 53.4356, 56.7433,
59.1175

■ 44.9997, 53.0194,
30.4897

■ 56.8851, 58.2460,
71.7307

■ 42.7825, 52.0222,
23.7957

■ 60.6729, 59.8872,
85.9800

■ 40.8387, 51.1376,
18.4020

■ 64.8098, 61.6713,
101.9213

■ 39.1520, 50.3588,
14.2238

■ 66.1816, 62.3526,
103.1549

■ 37.7042, 49.6786,
11.1659

■ 67.3578, 62.9590,
103.2099

■ 36.4743, 49.0886,
9.1193

■ 68.5627, 63.5801,
103.2663

■ 35.4373, 48.5787,
7.9533

■ 69.7963, 64.2161,
103.3240

■ 34.7572, 48.2379,
7.4789

■ 71.0590, 64.8670,
103.3831

Harmonies

Analogous

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



52.8867, 55.3722, 46.7104



50.3115, 55.3722, 48.0806



48.4152, 55.3722, 52.6286

Triad

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



50.3115, 55.3722, 48.0806



49.8813, 55.3722, 73.5685



57.9500, 55.3722, 61.0289

Complementary

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



50.3115, 55.3722, 48.0806



44.0375, 43.9809, 60.2040

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.



57.0818, 55.3722, 68.6630



50.3115, 55.3722, 48.0806



52.3734, 55.3722, 76.2774

Square

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



50.3115, 55.3722, 48.0806



48.1729, 55.3722, 67.2839



55.0179, 55.3722, 74.4110



57.3531, 55.3722, 53.8000

Rectangle

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



50.3115, 55.3722, 48.0806



47.7603, 55.3722, 57.0649



55.0179, 55.3722, 74.4110



57.8192, 55.3722, 63.6363

Sweetspot

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



50.3130, 55.3746, 48.0818



92.7038, 98.9752, 100.4443



47.3152, 47.4400, 46.7082



19.7502, 21.1444, 21.1697



0.0000, 0.0000, 0.0000



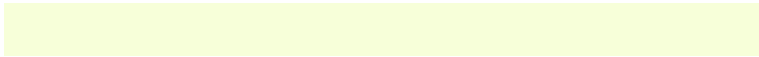
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.3130, 55.3746, 48.0818



86.7312, 96.3536, 79.5022



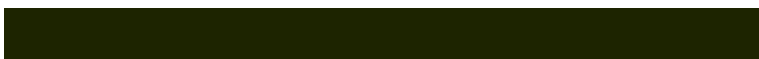
47.2388, 53.7898, 47.9379



11.3079, 12.3057, 11.3420



22.4210, 31.0538, 4.8123



1.1160, 1.4984, 0.2304

Inverse Universe

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



44.0375, 43.9809, 60.2040



73.6648, 72.6291, 104.7440



47.0586, 45.5383, 60.3454



10.2517, 10.3880, 13.3823



7.2453, 2.9693, 34.9356



0.4033, 0.1717, 1.6570

Previews

White Background



This preview shows how the XYZ color 50.3115, 55.3722, 48.0806 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 50.3115, 55.3722, 48.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

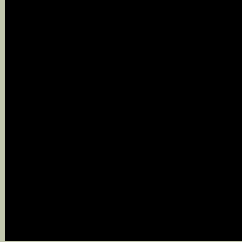
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

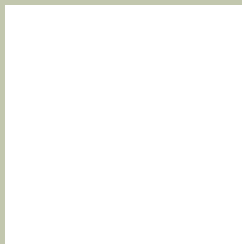
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3115, 55.3722, 48.0806

Background



This preview shows how black text looks on a background with the XYZ color 50.3115, 55.3722, 48.0806.



This preview shows how white text looks on a background with the XYZ color 50.3115, 55.3722,

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

50.3115, 55.3722, 48.0806

Protanopia

52.3632, 55.4375, 46.9704

Deuteranopia

56.1583, 55.0594, 48.7420



Tritanopia

54.3536, 55.3291, 68.1364

Trichromacy



Original Color

50.3115, 55.3722, 48.0806

Protanomaly

51.5965, 55.3671, 47.5027

Deuteranomaly

53.9592, 55.2321, 48.3743

Tritanomaly

52.7297, 55.3357, 60.1263

Monochromacy



Original Color

50.3115, 55.3722, 48.0806

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.2152, 54.6698, 54.8667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3115, 55.3722, 48.0806 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(194, 199, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 174)  
}
```

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(194, 199, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 174) }
```

Border

The CSS property to change the border of an element to XYZ 50.3115, 55.3722, 48.0806 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(194, 199, 174) }
```


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

```
.border{ border-color:rgb(194, 199, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 174);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3115, 55.3722, 48.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 174) }
```

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

```
.background{ background-color: rgb(194,  
199, 174) }
```

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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