

Converting Colors

XYZ(55.4711, 61.1885, 49.4507)

Have a look what the booklet for
XYZ(55.4711, 61.1885, 49.4507)
contains.

XYZ(55.4706, 61.1860, 49.4439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.4706, 61.1860,
49.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD0AF
RGB	205, 208, 175
RGB Percent	80%, 82%, 69%
CMY	0.1961, 0.1843, 0.3137
CMYK	0.01, 0.00, 0.16, 0.18
HSL	65°, 26%, 75%
HSV	65°, 16%, 82%
XYZ	55.4706, 61.1860, 49.4439
YIQ	203.3410, 8.8050, -10.8990

Conversions

Conversions Part 2

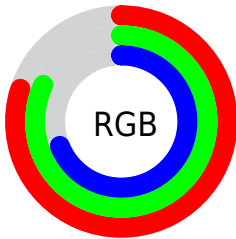
Format	Color
RYB	175, 208, 178
Decimal	13488303
CIELab	82.48, -6.64, 16.06
CIELCh	82, 17.381, 112.443
Yxy	61.1860, 0.3340, 0.3684
Android (android.graphics.Color)	4291678383 (0xFFCDD0AF)
YUV	203.3410, -13.9721, 1.4549
Hunter-Lab	78.2215, -10.3047, 17.2777

Details

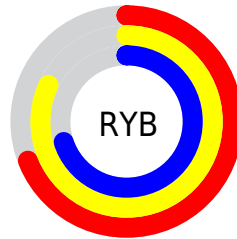
The XYZ color **55.4706, 61.1860, 49.4439** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0775, 44.6806, 65.9261**, and the grayscale version is **57.0617, 60.0333, 65.3763**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **27.8310, 31.0957, 22.9476** is the 20% darker color. If you saturate the color by 10%, you get **53.0645, 60.1656, 39.4761**, and if you desaturate by 10%, it is **58.2010, 62.3409, 61.0721**.

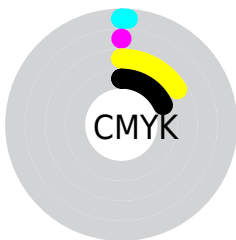
Distribution



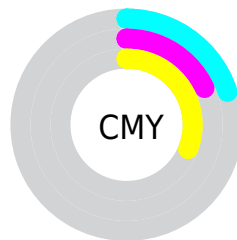
- Red (80%)
- Green (82%)
- Blue (69%)



- Red (69%)
- Yellow (82%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)





- Cyan (20%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4706, 61.1860, 49.4439 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 55.4706, 61.1860, 49.4439 by changing the saturation by 10% instead.


 55.4706, 61.1860,
49.4439

 55.4706, 61.1860,
49.4439


397.8008,
428.9557, 401.1598

 40.0140, 44.3753,
34.6037


 97.3744, 106.5482,
90.7382

 27.7337, 30.9657,
23.0766


124.5523,
135.8685, 118.0293

 18.2644, 20.5727,
14.4443


156.3680,
170.1274, 150.3078

 11.2408, 12.8120,
8.2880

193.1868,
209.7094, 187.9922

 6.2976, 7.2992,
4.1894

235.3742,
254.9988, 231.5011

 3.0692, 3.6499,
1.7298

283.2954,

 1.1905, 1.4797,

306.3801, 281.2530

0.3810

337.3158,
364.2376, 337.6664

■ 0.0988, 0.2744,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4706, 61.1860,
49.4439

■ 55.4706, 61.1860,
49.4439

■ 53.0645, 60.1656,
39.4761

■ 58.2010, 62.3409,
61.0721

■ 50.9635, 59.2660,
31.0891

■ 61.2643, 63.6277,
74.4274

■ 49.1537, 58.4835,
24.2028

■ 64.6748, 65.0540,
89.5779

■ 47.6182, 57.8115,
18.7284

■ 67.9244, 66.4168,
103.8475

■ 46.3384, 57.2425,
14.5677

■ 68.4754, 66.7008,
103.8732

■ 45.2932, 56.7681,
11.6103

■ 69.0328, 66.9882,
103.8993

■ 44.4582, 56.3784,
9.7273

■ 69.5967, 67.2789,
103.9257

■ 43.8030, 56.0614,
8.7592

■ 70.1671, 67.5729,
103.9524

■ 43.5611, 55.9422,
8.5020

■ 70.7439, 67.8703,
103.9794

Harmonies

Analogous

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



59.1001, 61.1860, 48.3278



55.4706, 61.1860, 49.4439



52.6740, 61.1860, 54.9120

Triad

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



55.4706, 61.1860, 49.4439



53.9087, 61.1860, 84.1922



65.5287, 61.1860, 69.3483

Complementary

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



55.4706, 61.1860, 49.4439



45.0775, 44.6806, 65.9261

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.



64.0046, 61.1860, 79.8867



55.4706, 61.1860, 49.4439



57.2210, 61.1860, 89.0308

Square

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



55.4706, 61.1860, 49.4439



51.7994, 61.1860, 74.7411



60.9256, 61.1860, 87.3767



65.0113, 61.1860, 59.1117

Rectangle

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



55.4706, 61.1860, 49.4439



51.6068, 61.1860, 60.6380



60.9256, 61.1860, 87.3767



65.2359, 61.1860, 72.9855

Sweetspot

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



55.4722, 61.1887, 49.4452



92.6389, 98.9864, 98.4251



49.6230, 48.2480, 47.2557



19.7584, 21.1576, 20.7641



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.



55.4722, 61.1887, 49.4452



86.6036, 96.4361, 72.7930



51.2202, 58.9967, 49.2462



12.6929, 13.7407, 12.5953



27.1913, 34.8866, 5.3007



1.5521, 1.9670, 0.2979

Inverse Universe

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



45.0775, 44.6806, 65.9261



67.1065, 65.4709, 103.7080



49.0294, 46.7178, 66.1111



11.2620, 11.4684, 14.8637



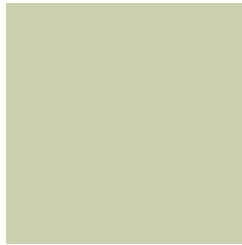
7.2981, 2.9426, 37.3758



0.4432, 0.1827, 2.0915

Previews

White Background



This preview shows how the XYZ color 55.4706, 61.1860, 49.4439 looks on a white background.

Color Contrast Check

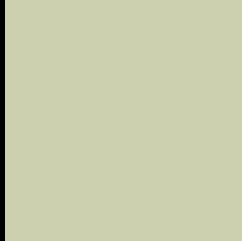
Large Text (above 18pt) WCAG AA × Fail

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 55.4706, 61.1860, 49.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

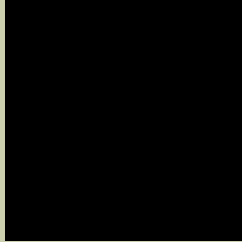
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

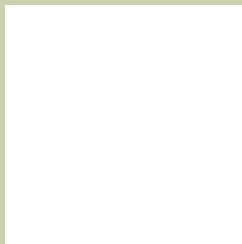
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4706, 61.1860, 49.4439

Background



This preview shows how black text looks on a background with the XYZ color 55.4706, 61.1860, 49.4439.



This preview shows how white text looks on a background with the XYZ color 55.4706, 61.1860,

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

55.4706, 61.1860, 49.4439

Protanopia

57.6930, 61.2787, 48.3224

Deuteranopia

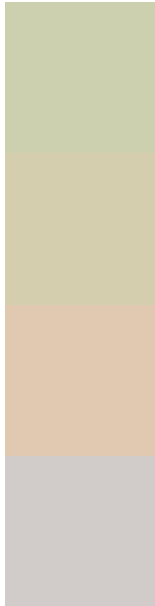
62.1630, 60.7690, 50.0482



Tritanopia

60.6394, 61.1519, 74.9371

Trichromacy



Original Color

55.4706, 61.1860, 49.4439

Protanomaly

56.8627, 61.1957, 48.8594

Deuteranomaly

59.4636, 60.7552, 49.6671

Tritanomaly

58.5480, 61.0053, 64.5665

Monochromacy



Original Color

55.4706, 61.1860, 49.4439

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3588, 60.3503, 59.1304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4706, 61.1860, 49.4439 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(205, 208, 175)` looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 175)  
}
```

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(205, 208, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 175) }
```

Border

The CSS property to change the border of an element to XYZ 55.4706, 61.1860, 49.4439 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(205, 208, 175) }
```


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

```
.border{ border-color:rgb(205, 208, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 208, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 175);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4706, 61.1860, 49.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 175) }
```

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

```
.background{ background-color: rgb(205,  
208, 175) }
```

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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