

Converting Colors

XYZ(55.2464, 61.3646, 31.0090)

Have a look what the booklet for
XYZ(55.2464, 61.3646, 31.0090)
contains.

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Color

**XYZ(55.4048, 61.5569,
31.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D085
RGB	217, 208, 133
RGB Percent	85%, 82%, 52%
CMY	0.1490, 0.1843, 0.4784
CMYK	0.00, 0.04, 0.39, 0.15
HSL	54°, 52%, 69%
HSV	54°, 39%, 85%
XYZ	55.4048, 61.5569, 31.1518
YIQ	202.1410, 29.4390, -21.4170

Conversions

Conversions Part 2

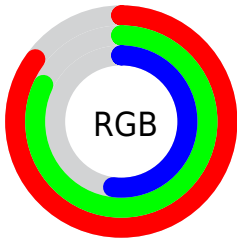
Format	Color
RYB	143, 217, 133
Decimal	14274693
CIELab	82.68, -7.66, 38.35
CIELCh	83, 39.104, 101.292
Yxy	61.5569, 0.3741, 0.4156
Android (android.graphics.Color)	4292464773 (0xFFD9D085)
YUV	202.1410, -34.0865, 13.0313
Hunter-Lab	78.4582, -11.2506, 31.3797

Details

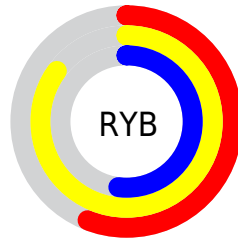
The XYZ color **55.4048, 61.5569, 31.1518** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8701, 29.3415, 69.6294**, and the grayscale version is **56.4216, 59.3599, 64.6430**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **27.7765, 31.2975, 12.5597** is the 20% darker color. If you saturate the color by 10%, you get **53.4960, 59.8957, 23.8678**, and if you desaturate by 10%, it is **57.6347, 63.3642, 40.0722**.

Distribution



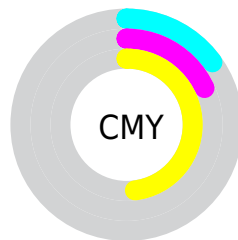
- Red (85%)
- Green (82%)
- Blue (52%)



- Red (56%)
- Yellow (85%)
- Blue (52%)



- Cyan (0%)
- Magenta (4%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4048, 61.5569, 31.1518 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 55.4048, 61.5569, 31.1518 by changing the saturation by 10% instead.

■ 55.4048, 61.5569,
31.1518

■ 55.4048, 61.5569,
31.1518

397.5561,
430.3130, 321.6099

■ 39.9610, 44.6748,
20.4550

■ 97.2787, 107.0849,
62.5614

■ 27.6922, 31.2013,
12.5389

■ 124.4395,
136.4995, 84.1112

■ 18.2331, 20.7522,
6.9848

■ 156.2367,
170.8604, 110.1159

■ 11.2181, 12.9430,
3.3743

193.0356,
210.5520, 140.9939

■ 6.2821, 7.3893,
1.2888

235.2017,
255.9586, 177.1637

■ 3.0597, 3.7067,
0.0526

283.1002,

■ 1.1854, 1.5109,

307.4647, 219.0440

0.0000

337.0965,
365.4547, 267.0532

■ 0.0948, 0.2964,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4048, 61.5569,
31.1518

■ 55.4048, 61.5569,
31.1518

■ 53.4960, 59.8957,
23.8678

■ 57.6347, 63.3642,
40.0722

■ 51.8845, 58.3645,
18.1152


■ 60.1987, 65.3163,
50.7177


■ 50.5504, 56.9573,
13.7828


■ 63.1146, 67.4226,
63.1753


■ 49.4694, 55.6646,
10.7427


■ 66.3977, 69.6891,
77.5247


 48.6129, 54.4746,
8.8443


 70.0622, 72.1218,
93.8412


 47.9366, 53.3698,
7.8553

 72.7726, 74.1864,
105.0916

 47.8545, 53.2302,
7.7523

 73.3939, 75.4289,
105.2987

 74.0237, 76.6884,
105.5086

 74.6620, 77.9652,
105.7214

Harmonies

Analogous

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



63.8380, 61.5569, 32.0894



55.4048, 61.5569, 31.1518



48.4922, 61.5569, 37.9522

Triad

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



55.4048, 61.5569, 31.1518



47.2015, 61.5569, 102.3816



75.1620, 61.5569, 82.9681

Complementary

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



55.4048, 61.5569, 31.1518



31.8701, 29.3415, 69.6294

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.



69.8158, 61.5569, 108.0910



55.4048, 61.5569, 31.1518



53.4832, 61.5569, 121.0193

Square

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



55.4048, 61.5569, 31.1518



44.0671, 61.5569, 76.4876



61.7249, 61.5569, 123.3280



75.8022, 61.5569, 58.3769

Rectangle

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



55.4048, 61.5569, 31.1518



45.4652, 61.5569, 47.1863



61.7249, 61.5569, 123.3280



73.8334, 61.5569, 91.7655

Sweetspot

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



55.4063, 61.5597, 31.1531



89.4725, 96.1107, 84.6413



41.9461, 33.5046, 30.1642



19.0309, 20.4854, 17.6032



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.



55.4063, 61.5597, 31.1531



77.6889, 86.8525, 36.6006



49.0062, 61.6088, 31.4999



14.0369, 15.0132, 13.8836



29.0156, 32.3168, 4.7085



1.9146, 2.1634, 0.3167

Inverse Universe

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



31.8701, 29.3415, 69.6294



39.4296, 34.4936, 99.1875



36.4712, 29.8064, 69.4767



12.4504, 12.8405, 16.4744



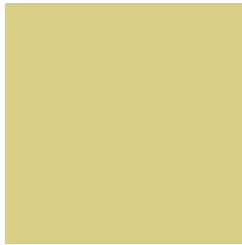
7.8072, 3.4839, 39.9994



0.5445, 0.3032, 2.6043

Previews

White Background



This preview shows how the XYZ color 55.4048, 61.5569, 31.1518 looks on a white background.

Color Contrast Check

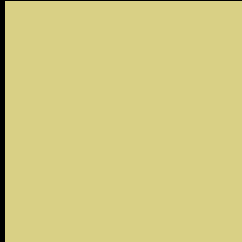
Large Text (above 18pt) WCAG AA × Fail

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 55.4048, 61.5569, 31.1518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

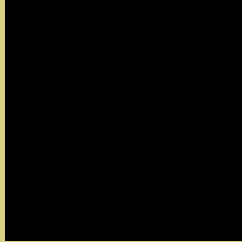
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4048, 61.5569, 31.1518

Background



This preview shows how black text looks on a background with the XYZ color 55.4048, 61.5569, 31.1518.

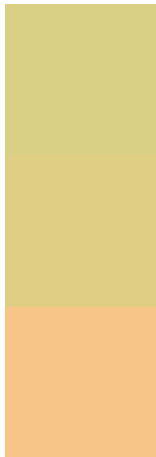


This preview shows how white text looks on a background with the XYZ color 55.4048, 61.5569,

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

55.4048, 61.5569, 31.1518

Protanopia

56.9766, 61.6558, 30.7276

Deuteranopia

62.6972, 61.4559, 31.4794



Tritanopia

63.6957, 61.4120, 72.1149

Trichromacy



Original Color

55.4048, 61.5569, 31.1518

Protanomaly

56.2965, 61.6637, 30.7649

Deuteranomaly

59.7818, 61.3274, 31.2408

Tritanomaly

60.3089, 61.4318, 54.5778

Monochromacy



Original Color

55.4048, 61.5569, 31.1518

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.2608, 59.6255, 50.1913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4048, 61.5569, 31.1518 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(217, 208, 133)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 133)  
}
```

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(217, 208, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 133) }
```

Border

The CSS property to change the border of an element to XYZ 55.4048, 61.5569, 31.1518 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(217, 208, 133) }
```


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

```
.border{ border-color:rgb(217, 208, 133) }
```

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

Here you see how a box with a 4 pixel rgb(217, 208, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 133);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4048, 61.5569, 31.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 133) }
```

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

```
.background{ background-color: rgb(217,  
208, 133) }
```

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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