

Converting Colors

XYZ(55.9922, 61.4441, 27.4073)

Have a look what the booklet for
XYZ(55.9922, 61.4441, 27.4073)
contains.

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Color

**XYZ(55.9499, 61.5604,
27.3458)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DECF7A |
| RGB | 222, 207, 122 |
| RGB Percent | 87%, 81%, 48% |
| CMY | 0.1294, 0.1882, 0.5216 |
| CMYK | 0.00, 0.07, 0.45, 0.13 |
| HSL | 51°, 60%, 67% |
| HSV | 51°, 45%, 87% |
| XYZ | 55.9499, 61.5604, 27.3458 |
| YIQ | 201.7950, 36.2250, -23.2550 |

Conversions

Conversions Part 2

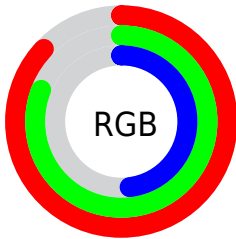
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 140, 222, 122 |
| Decimal | 14602106 |
| CIELab | 82.68, -6.30, 43.95 |
| CIELCh | 83, 44.401, 98.156 |
| Yxy | 61.5604, 0.3862, 0.4250 |
| Android (android.graphics.Color) | 4292792186 (0xFFDECF7A) |
| YUV | 201.7950, -39.3389, 17.7198 |
| Hunter-Lab | 78.4604, -10.0180, 34.2580 |

Details

The XYZ color **55.9499, 61.5604, 27.3458** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.1563, 27.3020, 72.7876**, and the grayscale version is **56.2342, 59.1628, 64.4283**.

A 20% lighter version of the original color is **84.8365, 95.9146, 55.1163**, and **28.0456, 31.2367, 10.5124** is the 20% darker color. If you saturate the color by 10%, you get **53.9310, 59.4782, 20.6445**, and if you desaturate by 10%, it is **58.3030, 63.8080, 35.7100**.

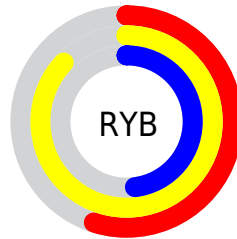
Distribution



Red (87%)

Green (81%)

Blue (48%)



Red (55%)

Yellow (87%)

Blue (48%)

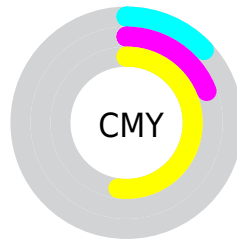


Cyan (0%)

Magenta (7%)

Yellow (45%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9499, 61.5604, 27.3458 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 55.9499, 61.5604, 27.3458 by changing the saturation by 10% instead.

■ 55.9499, 61.5604,
27.3458

■ 55.9499, 61.5604,
27.3458

399.5808,
430.3258, 303.1405

■ 40.3996, 44.6776,
17.5984

■ 98.0716, 107.0899,
56.4487

■ 28.0358, 31.2036,
10.4956

■ 125.3736,
136.5054, 76.6413

■ 18.4933, 20.7539,
5.6189

■ 157.3237,
170.8673, 101.1527

■ 11.4065, 12.9442,
2.5497

194.2870,
210.5599, 130.4014

■ 6.4103, 7.3902,
0.8663

236.6290,
255.9677, 164.8060

■ 3.1391, 3.7073,
0.0000

284.7151,

■ 1.2278, 1.5112,

307.4750, 204.7851

0.0000

338.9106,
365.4662, 250.7570

■ 0.1281, 0.2966,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9499, 61.5604,
27.3458

■ 55.9499, 61.5604,
27.3458

■ 53.9310, 59.4782,
20.6445

■ 58.3030, 63.8080,
35.7100

■ 52.2201, 57.5440,
15.4880


■ 61.0055, 66.2204,
45.8367


■ 50.7941, 55.7507,
11.7490


■ 64.0772, 68.8081,
57.8222


■ 49.6246, 54.0866,
9.2780


■ 67.5348, 71.5778,
71.7546

 48.6766, 52.5377,
7.8919


 71.3941, 74.5361,
87.7166

 48.2599, 51.8011,
7.4550

 75.6373, 77.6759,
105.6142

 76.5565, 79.5143,
105.9206

 77.4934, 81.3881,
106.2329

 78.4481, 83.2975,
106.5511

Harmonies

Analogous

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



65.5973, 61.5604, 29.1652



55.9499, 61.5604, 27.3458



47.9051, 61.5604, 33.6528

Triad

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



55.9499, 61.5604, 27.3458



45.2532, 61.5604, 104.9585



77.2207, 61.5604, 88.5117

Complementary

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



55.9499, 61.5604, 27.3458



30.1563, 27.3020, 72.7876

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.



70.5777, 61.5604, 117.3406



55.9499, 61.5604, 27.3458



51.9549, 61.5604, 128.4910

Square

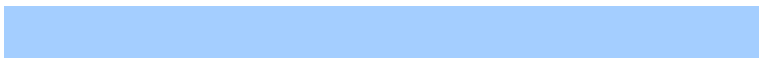
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.9499, 61.5604, 27.3458



42.1827, 61.5604, 74.7533



61.1497, 61.5604, 133.5509



78.5886, 61.5604, 59.8557

Rectangle

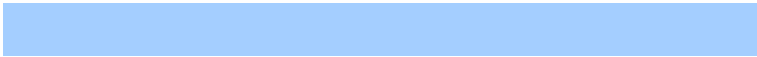
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9499, 61.5604, 27.3458



44.2850, 61.5604, 42.9787



61.1497, 61.5604, 133.5509



75.4983, 61.5604, 98.7034

Sweetspot

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



55.9514, 61.5632, 27.3471



88.1417, 94.5423, 80.8280



41.5995, 31.2554, 27.5080



18.6585, 20.0655, 16.4776



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.



55.9514, 61.5632, 27.3471



73.9919, 81.5981, 28.7725



50.1279, 64.2126, 28.1654



14.6875, 15.6610, 14.5555



28.7306, 30.8991, 4.4499



2.0396, 2.2381, 0.3245

Inverse Universe

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



30.1563, 27.3020, 72.7876



34.5074, 29.1846, 98.4222



34.0495, 26.3618, 72.4009



13.1171, 13.5733, 17.3163



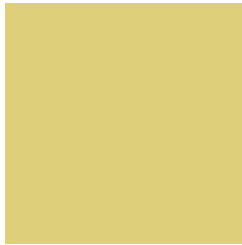
8.2095, 3.8885, 41.3662



0.6217, 0.3748, 2.8848

Previews

White Background



This preview shows how the XYZ color 55.9499, 61.5604, 27.3458 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 55.9499, 61.5604, 27.3458 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 55.9499, 61.5604, 27.3458

Background



This preview shows how black text looks on a background with the XYZ color 55.9499, 61.5604, 27.3458.



This preview shows how white text looks on a background with the XYZ color 55.9499, 61.5604,

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

55.9499, 61.5604, 27.3458

Protanopia

56.6355, 61.5553, 27.3087

Deuteranopia

62.4449, 61.0748, 27.5662



Tritanopia

64.5786, 61.2222, 70.7008

Trichromacy



Original Color

55.9499, 61.5604, 27.3458

Protanomaly

56.3246, 61.3950, 27.2942

Deuteranomaly

59.8260, 61.0893, 27.3771

Tritanomaly

60.7859, 61.0572, 51.2293

Monochromacy



Original Color

55.9499, 61.5604, 27.3458

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.4302, 59.7582, 48.1482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9499, 61.5604, 27.3458 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(222, 207, 122)` looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 122)  
}
```

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(222, 207, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 122) }
```

Border

The CSS property to change the border of an element to XYZ 55.9499, 61.5604, 27.3458 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(222, 207, 122) }
```


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

```
.border{ border-color:rgb(222, 207, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 207, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 207, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 207, 122);  
box-shadow:4px 4px 4px 4px rgb(222, 207,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9499, 61.5604, 27.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 122) }
```

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

```
.background{ background-color: rgb(222,  
207, 122) }
```

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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