

Converting Colors

XYZ(55.5227, 61.2934, 28.1371)

Have a look what the booklet for
XYZ(55.5227, 61.2934, 28.1371)
contains.

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Color

**XYZ(55.4661, 61.2965,
27.9768)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCF7C
RGB	220, 207, 124
RGB Percent	86%, 81%, 49%
CMY	0.1373, 0.1882, 0.5137
CMYK	0.00, 0.06, 0.44, 0.14
HSL	52°, 58%, 67%
HSV	52°, 44%, 86%
XYZ	55.4661, 61.2965, 27.9768
YIQ	201.4250, 34.3910, -23.0570

Conversions

Conversions Part 2

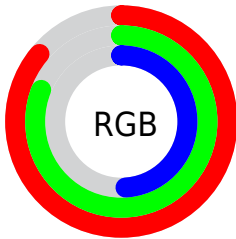
Format	Color
RYB	139, 220, 124
Decimal	14471036
CIELab	82.54, -6.90, 42.74
CIELCh	83, 43.299, 99.173
Yxy	61.2965, 0.3832, 0.4235
Android (android.graphics.Color)	4292661116 (0xFFDCCF7C)
YUV	201.4250, -38.1705, 16.2903
Hunter-Lab	78.2921, -10.5526, 33.6178

Details

The XYZ color **55.4661, 61.2965, 27.9768** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.1759, 27.3429, 71.3973**, and the grayscale version is **55.9972, 58.9134, 64.1567**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **27.6981, 31.0500, 10.8367** is the 20% darker color. If you saturate the color by 10%, you get **53.5130, 59.3739, 21.2109**, and if you desaturate by 10%, it is **57.7462, 63.3761, 36.3843**.

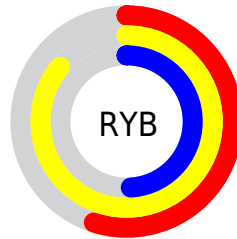
Distribution



Red (86%)

Green (81%)

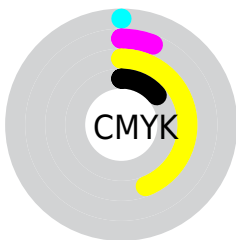
Blue (49%)



Red (55%)

Yellow (86%)

Blue (49%)

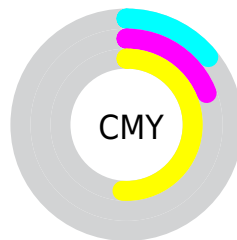


Cyan (0%)

Magenta (6%)

Yellow (44%)

Black (14%)



Cyan (14%)

Magenta (19%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4661, 61.2965, 27.9768 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 55.4661, 61.2965, 27.9768 by changing the saturation by 10% instead.

■ 55.4661, 61.2965,
27.9768

■ 55.4661, 61.2965,
27.9768

397.7841,
429.3603, 306.2645

■ 40.0103, 44.4645,
18.0693

■ 97.3679, 106.7081,
57.4701

■ 27.7309, 31.0358,
10.8298

■ 124.5446,
136.0565, 77.8929

■ 18.2623, 20.6261,
5.8398

■ 156.3590,
170.3459, 102.6579

■ 11.2393, 12.8510,
2.6807

193.1765,
209.9605, 132.1836

■ 6.2965, 7.3260,
0.9337

235.3624,
255.2849, 166.8886

■ 3.0686, 3.6668,
0.0000

283.2820,

■ 1.1901, 1.4890,

306.7034, 207.1914

0.0000

337.3008,
364.6004, 253.5105

■ 0.0986, 0.2810,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4661, 61.2965,
27.9768

■ 55.4661, 61.2965,
27.9768

■ 53.5130, 59.3739,
21.2109

■ 57.7462, 63.3761,
36.3843

■ 51.8615, 57.5914,
15.9727


■ 60.3678, 65.6120,
46.5296


■ 50.4895, 55.9422,
12.1402


■ 63.3500, 68.0141,
58.5057


■ 49.3698, 54.4154,
9.5704

■ 66.7091, 70.5891,
72.3980


 48.4696, 52.9977,
8.0905


 70.4602, 73.3432,
88.2866

 47.9765, 52.1383,
7.5351

 74.4561, 76.2175,
105.3949

 75.2676, 77.8405,
105.6654

 76.0932, 79.4917,
105.9406

 76.9330, 81.1713,
106.2206

Harmonies

Analogous

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



64.8281, 61.2965, 29.5060



55.4661, 61.2965, 27.9768



47.7149, 61.2965, 34.4829

Triad

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



55.4661, 61.2965, 27.9768



45.5102, 61.2965, 104.4416



76.5512, 61.2965, 86.5788

Complementary

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



55.4661, 61.2965, 27.9768



30.1759, 27.3429, 71.3973

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.



70.2555, 61.2965, 114.6325



55.4661, 61.2965, 27.9768



52.1521, 61.2965, 126.6990

Square

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



55.4661, 61.2965, 27.9768



42.3814, 61.2965, 75.2108



61.1472, 61.2965, 130.8555



77.6801, 61.2965, 58.9331

Rectangle

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



55.4661, 61.2965, 27.9768



44.2604, 61.2965, 43.8581



61.1472, 61.2965, 130.8555



74.9394, 61.2965, 96.4554

Sweetspot

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



55.4676, 61.2993, 27.9781



88.7499, 95.2163, 82.7028



41.3397, 31.4782, 28.0947



18.7867, 20.2153, 16.8493



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.



55.4676, 61.2993, 27.9781



75.0768, 83.2732, 30.6589



49.5786, 63.1310, 28.6420



14.0041, 14.9476, 13.8726



28.2172, 30.7199, 4.4423



1.8705, 2.0751, 0.3019

Inverse Universe

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



30.1759, 27.3429, 71.3973



35.5619, 30.2450, 98.5713



34.1485, 26.8119, 71.0854



12.4801, 12.9000, 16.4843



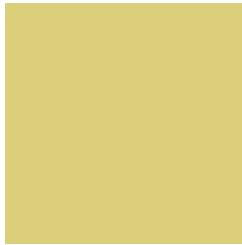
7.8974, 3.6643, 40.0294



0.5586, 0.3313, 2.6090

Previews

White Background



This preview shows how the XYZ color 55.4661, 61.2965, 27.9768 looks on a white background.

Color Contrast Check

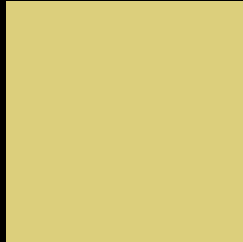
Large Text (above 18pt) WCAG AA × Fail

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 55.4661, 61.2965, 27.9768 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 55.4661, 61.2965, 27.9768

Background



This preview shows how black text looks on a background with the XYZ color 55.4661, 61.2965, 27.9768.



This preview shows how white text looks on a background with the XYZ color 55.4661, 61.2965,

27.9768.

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

55.4661, 61.2965, 27.9768

Protanopia

56.4578, 61.1003, 27.5568

Deuteranopia

62.2172, 60.9427, 28.2226



Tritanopia

64.1630, 61.3440, 70.7462

Trichromacy



Original Color

55.4661, 61.2965, 27.9768

Protanomaly

56.0779, 61.2606, 27.6078

Deuteranomaly

59.6158, 60.9664, 28.0276

Tritanomaly

60.4889, 61.2373, 51.8119

Monochromacy



Original Color

55.4661, 61.2965, 27.9768

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9112, 59.1389, 48.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4661, 61.2965, 27.9768 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(220, 207, 124)` looks like.

```
.text, #text, p{  
    color:rgb(220, 207, 124)  
}
```

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(220, 207, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 207, 124) }
```

Border

The CSS property to change the border of an element to XYZ 55.4661, 61.2965, 27.9768 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(220, 207, 124) }
```


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

```
.border{ border-color:rgb(220, 207, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 207, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 207, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 207, 124);  
box-shadow:4px 4px 4px 4px rgb(220, 207,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4661, 61.2965, 27.9768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 207, 124) }
```

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

```
.background{ background-color: rgb(220,  
207, 124) }
```

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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