

Converting Colors

XYZ(55.7520, 61.3366, 52.5696)

Have a look what the booklet for
XYZ(55.7520, 61.3366, 52.5696)
contains.

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Color

**XYZ(55.7982, 61.2853,
52.6044)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD0B5
RGB	204, 208, 181
RGB Percent	80%, 82%, 71%
CMY	0.2000, 0.1843, 0.2902
CMYK	0.02, 0.00, 0.13, 0.18
HSL	69°, 22%, 76%
HSV	69°, 13%, 82%
XYZ	55.7982, 61.2853, 52.6044
YIQ	203.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

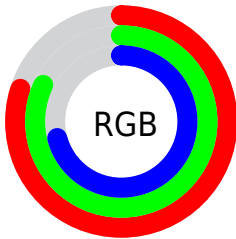
Format	Color
RYB	181, 208, 185
Decimal	13422773
CIELab	82.53, -6.04, 12.95
CIELCh	83, 14.290, 115.022
Yxy	61.2853, 0.3288, 0.3612
Android (android.graphics.Color)	4291612853 (0xFFCCD0B5)
YUV	203.7260, -11.2039, 0.2403
Hunter-Lab	78.2849, -9.7713, 14.9589

Details

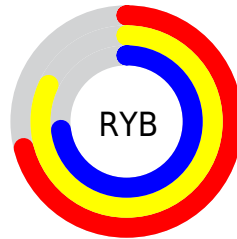
The XYZ color **55.7982, 61.2853, 52.6044** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.9190, 47.9177, 66.4012**, and the grayscale version is **57.2886, 60.2721, 65.6363**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **28.0296, 31.1537, 24.9580** is the 20% darker color. If you saturate the color by 10%, you get **52.9848, 60.0653, 42.1512**, and if you desaturate by 10%, it is **58.9503, 62.6468, 64.7394**.

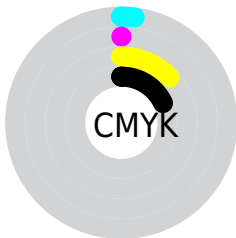
Distribution



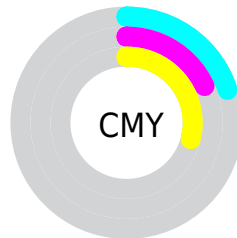
- Red (80%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7982, 61.2853, 52.6044 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 55.7982, 61.2853, 52.6044 by changing the saturation by 10% instead.

■ 55.7982, 61.2853,
52.6044

■ 55.7982, 61.2853,
52.6044

399.0179,
429.3193, 413.7887

■ 40.2775, 44.4555,
37.1015

■ 97.8510, 106.6919,
95.4576

■ 27.9402, 31.0287,
24.9897

125.1138,
136.0375, 123.6450

■ 18.4208, 20.6207,
15.8504

157.0214,
170.3237, 156.8977

■ 11.3540, 12.8470,
9.2652

193.9390,
209.9351, 195.6342

■ 6.3745, 7.3233,
4.8154

236.2322,
255.2559, 240.2729

■ 3.1169, 3.6651,
2.0825

284.2661,

■ 1.2159, 1.4880,

306.6707, 291.2326

0.6053

338.4063,
364.5636, 348.9317

■ 0.1189, 0.2803,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7982, 61.2853,
52.6044

■ 55.7982, 61.2853,
52.6044

■ 52.9848, 60.0653,
42.1512

■ 58.9503, 62.6468,
64.7394

■ 50.4911, 58.9730,
33.3016

■ 62.4495, 64.1471,
78.6216

■ 48.3035, 58.0051,
25.9773

■ 66.3101, 65.7938,
94.3181

■ 46.4053, 57.1549,
20.0919

■ 69.0261, 66.9848,
103.8990

■ 44.7786, 56.4151,
15.5501

■ 69.9479, 67.4600,
103.9422

■ 43.4029, 55.7776,
12.2455

■ 70.8869, 67.9440,
103.9861

■ 42.2549, 55.2331,
10.0552

■ 71.8432, 68.4370,
104.0309

■ 41.3063, 54.7702,
8.8317

■ 72.8169, 68.9390,
104.0764

■ 40.7253, 54.4803,
8.3693

■ 73.8081, 69.4499,
104.1228

Harmonies

Analogous

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



58.7615, 61.2853, 51.3205



55.7982, 61.2853, 52.6044



53.5639, 61.2853, 57.5343

Triad

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



55.7982, 61.2853, 52.6044



54.9439, 61.2853, 81.4992



64.3058, 61.2853, 68.2011

Complementary

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



55.7982, 61.2853, 52.6044



47.9190, 47.9177, 66.4012

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.



63.2014, 61.2853, 76.8552



55.7982, 61.2853, 52.6044



57.7411, 61.2853, 84.9494

Square

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



55.7982, 61.2853, 52.6044



53.0829, 61.2853, 74.1079



60.7723, 61.2853, 83.1801



63.7417, 61.2853, 59.8575

Rectangle

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



55.7982, 61.2853, 52.6044



52.7526, 61.2853, 62.4713



60.7723, 61.2853, 83.1801



64.1163, 61.2853, 71.1765

Sweetspot

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



55.7999, 61.2880, 52.6057



92.8966, 99.0746, 100.4533



51.6203, 51.2785, 50.8940



19.7992, 21.1697, 21.1720



0.0000, 0.0000, 0.0000



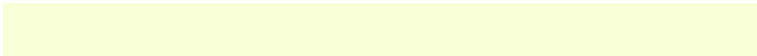
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7999, 61.2880, 52.6057



86.9723, 96.5158, 77.7978



52.3592, 59.5143, 52.4447



12.6240, 13.7051, 12.5920



25.4454, 33.9865, 5.2189



1.4707, 1.9250, 0.2941

Inverse Universe

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



47.9190, 47.9177, 66.4012



71.7381, 70.6691, 104.4672



51.2261, 49.6226, 66.5560



11.3245, 11.5006, 14.8666



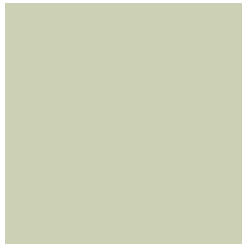
7.4957, 3.0445, 37.3851



0.4725, 0.1977, 2.0928

Previews

White Background



This preview shows how the XYZ color 55.7982, 61.2853, 52.6044 looks on a white background.

Color Contrast Check

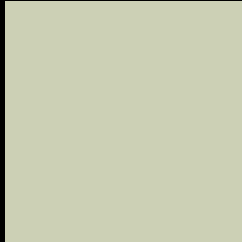
Large Text (above 18pt) WCAG AA × Fail

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 55.7982, 61.2853, 52.6044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

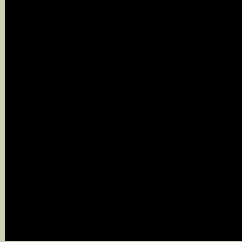
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

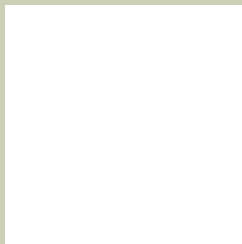
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7982, 61.2853, 52.6044

Background



This preview shows how black text looks on a background with the XYZ color 55.7982, 61.2853, 52.6044.



This preview shows how white text looks on a background with the XYZ color 55.7982, 61.2853,

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

55.7982, 61.2853, 52.6044

Protanopia

57.9923, 61.3644, 51.4358

Deuteranopia

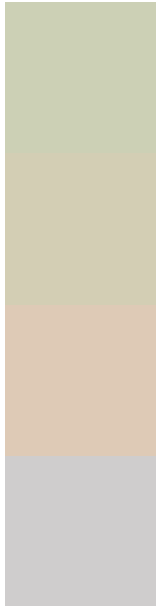
62.3456, 61.1307, 53.3132



Tritanopia

60.4366, 61.3817, 75.6803

Trichromacy



Original Color

55.7982, 61.2853, 52.6044

Protanomaly

57.1735, 61.2868, 51.9962

Deuteranomaly

59.6882, 61.1481, 52.9128

Tritanomaly

58.5829, 61.3358, 66.5090

Monochromacy



Original Color

55.7982, 61.2853, 52.6044

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6970, 60.4855, 60.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7982, 61.2853, 52.6044 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(204, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(204, 208, 181)  
}
```

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(204, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.7982, 61.2853, 52.6044 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(204, 208, 181) }
```


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

```
.border{ border-color:rgb(204, 208, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 208, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 208,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7982, 61.2853, 52.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 208, 181) }
```

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

```
.background{ background-color: rgb(204,  
208, 181) }
```

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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