

Converting Colors

XYZ(52.7745, 55.1821, 38.0074)

Have a look what the booklet for
XYZ(52.7745, 55.1821, 38.0074)
contains.

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Color

**XYZ(52.7731, 55.1796,
38.0063)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D6C299 |
| RGB | 214, 194, 153 |
| RGB Percent | 84%, 76%, 60% |
| CMY | 0.1608, 0.2392, 0.4000 |
| CMYK | 0.00, 0.09, 0.29, 0.16 |
| HSL | 40°, 43%, 72% |
| HSV | 40°, 29%, 84% |
| XYZ | 52.7731, 55.1796, 38.0063 |
| YIQ | 195.3060, 25.0810, -8.5110 |

Conversions

Conversions Part 2

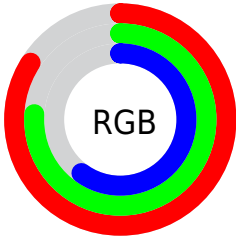
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 183, 214, 153 |
| Decimal | 14074521 |
| CIE Lab | 79.14, 0.85, 23.22 |
| CIE LCh | 79, 23.239, 87.905 |
| Yxy | 55.1796, 0.3616, 0.3780 |
| Android (android.graphics.Color) | 4292264601 (0xFFD6C299) |
| YUV | 195.3060, -20.8569, 16.3946 |
| Hunter-Lab | 74.2830, -3.1829, 21.6628 |

Details

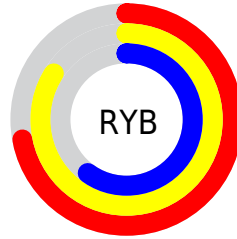
The XYZ color **52.7731, 55.1796, 38.0063** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.2178, 41.5134, 69.5117**, and the grayscale version is **52.1655, 54.8821, 59.7667**.

A 20% lighter version of the original color is **86.8108, 94.1853, 73.2787**, and **26.2212, 27.3800, 16.4732** is the 20% darker color. If you saturate the color by 10%, you get **49.6376, 51.4879, 29.0092**, and if you desaturate by 10%, it is **56.3022, 59.1506, 48.6998**.

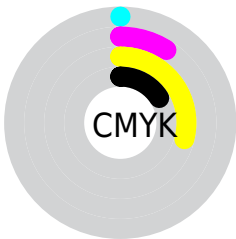
Distribution



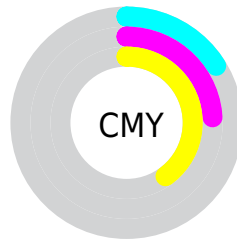
- Red (84%)
- Green (76%)
- Blue (60%)



- Red (72%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7731, 55.1796, 38.0063 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 52.7731, 55.1796, 38.0063 by changing the saturation by 10% instead.


 52.7731, 55.1796,
38.0063

 52.7731, 55.1796,
38.0063


387.6891,
406.5924, 352.9460

 37.8484, 39.5455,
25.6857


 93.4379, 97.8040,
73.3213

 26.0417, 27.1844,
16.3650


 119.9087,
125.5632, 97.1528

 16.9877, 17.7117,
9.6257


150.9590,
158.1329, 125.6584

 10.3210, 10.7432,
5.0491

186.9540,
195.8974, 159.2566

 5.6762, 5.8945,
2.2169

228.2592,
239.2413, 198.3659

 2.6880, 2.7810,
0.6841

275.2399,

 0.9910, 1.0185,

288.5488, 243.4048

0.0000

328.2614,
344.2043, 294.7920

■ 0.0000, 0.0000,
0.0000

■ 52.7731, 55.1796,
38.0063

■ 52.7731, 55.1796,
38.0063

■ 49.6376, 51.4879,
29.0092

■ 56.3022, 59.1506,
48.6998

■ 46.8735, 48.0591,
21.6153

■ 60.2373, 63.4015,
61.1692

■ 44.4626, 44.8863,
15.7281

■ 64.5954, 67.9426,
75.4931

■ 42.3833, 41.9592,
11.2387

■ 69.3912, 72.7815,
91.7442

■ 40.6112, 39.2662,
8.0236

■ 73.8229, 77.5987,
105.6949

■ 39.1176, 36.7941,
5.9376

■ 75.8042, 81.5612,
106.3553

■ 37.8596, 34.5240,
4.7603

■ 77.8648, 85.6825,
107.0422

■ 37.6826, 34.1980,
4.6148

■ 80.0056, 89.9642,
107.7558

■ 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



57.3277, 55.1796, 40.9418



52.7731, 55.1796, 38.0063



48.3836, 55.1796, 40.2234

Triad

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



52.7731, 55.1796, 38.0063



44.9555, 55.1796, 72.8412



60.3681, 55.1796, 74.6946

Complementary

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



52.7731, 55.1796, 38.0063



40.2178, 41.5134, 69.5117

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.



56.7308, 55.1796, 85.5888



52.7731, 55.1796, 38.0063



47.8507, 55.1796, 84.4127

Square

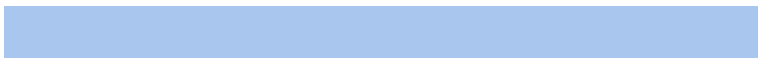
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.7731, 55.1796, 38.0063



44.0318, 55.1796, 59.1528



52.1214, 55.1796, 89.3809



61.8703, 55.1796, 61.0193

Rectangle

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



52.7731, 55.1796, 38.0063



46.1050, 55.1796, 44.5384



52.1214, 55.1796, 89.3809



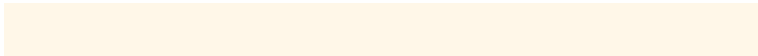
59.3444, 55.1796, 78.8750

Sweetspot

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



52.7745, 55.1821, 38.0074



89.2195, 93.9028, 89.8039



46.6984, 40.1093, 44.9857



18.9054, 19.8953, 18.6071



0.0000, 0.0000, 0.0000



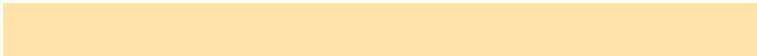
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7745, 55.1821, 38.0074



75.6903, 78.8072, 48.4145



54.6529, 63.2071, 39.4574



13.1138, 13.8019, 13.1336



22.8752, 20.8676, 2.8222



1.4538, 1.4068, 0.1949

Inverse Universe

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



40.2178, 41.5134, 69.5117



54.1650, 55.3831, 102.4429



38.6679, 35.4424, 68.4215



12.0718, 12.6669, 15.7462



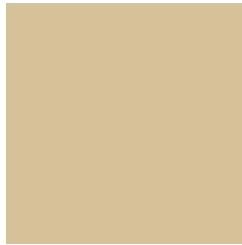
8.7507, 5.7632, 39.1044



0.6024, 0.4967, 2.3834

Previews

White Background



This preview shows how the XYZ color 52.7731, 55.1796, 38.0063 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 52.7731, 55.1796, 38.0063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

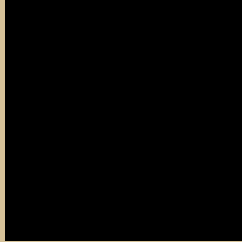
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7731, 55.1796, 38.0063

Background



This preview shows how black text looks on a background with the XYZ color 52.7731, 55.1796, 38.0063.



This preview shows how white text looks on a background with the XYZ color 52.7731, 55.1796,

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

52.7731, 55.1796, 38.0063

Protanopia

51.8672, 55.3683, 38.5253

Deuteranopia

56.1291, 54.9575, 38.2214



Tritanopia

57.9462, 55.0206, 63.4431

Trichromacy



Original Color

52.7731, 55.1796, 38.0063

Protanomaly

52.2118, 55.2122, 38.4770

Deuteranomaly

54.9867, 55.0073, 38.2912

Tritanomaly

55.9786, 55.1930, 53.0503

Monochromacy



Original Color

52.7731, 55.1796, 38.0063

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1104, 54.8821, 51.0268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7731, 55.1796, 38.0063 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(214, 194, 153)` looks like.

```
.text, #text, p{  
    color:rgb(214, 194, 153)  
}
```

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(214, 194, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 194, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.7731, 55.1796, 38.0063 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(214, 194, 153) }
```


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

```
.border{ border-color:rgb(214, 194, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 194, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 194, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 194, 153);  
box-shadow:4px 4px 4px 4px rgb(214, 194,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7731, 55.1796, 38.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 194, 153) }
```

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

```
.background{ background-color: rgb(214,  
194, 153) }
```

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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