

Converting Colors

XYZ(63.7988, 69.5654, 52.1844)

Have a look what the booklet for
XYZ(63.7988, 69.5654, 52.1844)
contains.

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Color

**XYZ(63.7988, 69.5654,
52.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDBB2
RGB	223, 219, 178
RGB Percent	87%, 86%, 70%
CMY	0.1255, 0.1412, 0.3020
CMYK	0.00, 0.02, 0.20, 0.13
HSL	55°, 41%, 79%
HSV	55°, 20%, 87%
XYZ	63.7988, 69.5654, 52.1844
YIQ	215.5220, 15.5450, -11.9030

Conversions

Conversions Part 2

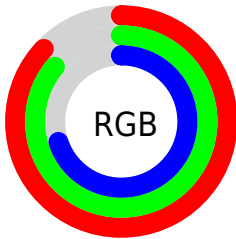
Format	Color
RYB	182, 223, 178
Decimal	14670770
CIELab	86.78, -5.25, 20.70
CIELCh	87, 21.352, 104.222
Yxy	69.5654, 0.3438, 0.3749
Android (android.graphics.Color)	4292860850 (0xFFDFDBB2)
YUV	215.5220, -18.4983, 6.5582
Hunter-Lab	83.4059, -9.4221, 21.2882

Details

The XYZ color **63.7988, 69.5654, 52.1844** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.4071, 48.2474, 76.5736**, and the grayscale version is **65.0610, 68.4493, 74.5413**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **32.9135, 36.2471, 24.6637** is the 20% darker color. If you saturate the color by 10%, you get **61.2267, 67.7174, 41.1641**, and if you desaturate by 10%, it is **66.7448, 71.5775, 65.1268**.

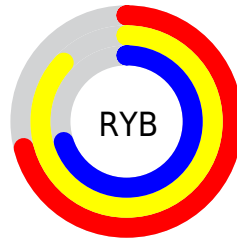
Distribution



Red (87%)

Green (86%)

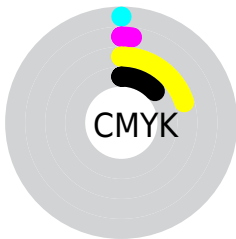
Blue (70%)



Red (71%)

Yellow (87%)

Blue (70%)

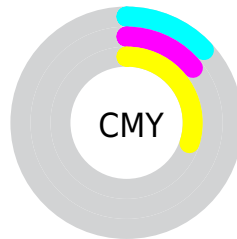


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7988, 69.5654, 52.1844 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 63.7988, 69.5654, 52.1844 by changing the saturation by 10% instead.

■ 63.7988, 69.5654,
52.1844

■ 63.7988, 69.5654,
52.1844

428.0765,
459.0226, 412.1253

■ 46.7488, 51.1723,
36.7688

■ 109.3965,
118.5888, 94.8325

■ 33.0442, 36.3458,
24.7342

138.6749,
149.9879, 122.9021

■ 22.3197, 24.7013,
15.6619

172.7601,
186.4910, 156.0267

■ 14.2099, 15.8547,
9.1335

212.0176,
228.4827, 194.6250

■ 8.3495, 9.4214,
4.7303

256.8126,
276.3474, 239.1155

■ 4.3731, 5.0170,
2.0340

307.5105,

■ 1.9153, 2.2573,

330.4693, 289.9167

0.5760

364.4767,
391.2329, 347.4471

■ 0.5857, 0.7509,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7988, 69.5654,
52.1844

■ 63.7988, 69.5654,
52.1844

■ 61.2267, 67.7174,
41.1641

■ 66.7448, 71.5775,
65.1268

■ 59.0053, 66.0172,
31.9688

■ 70.0755, 73.7510,
80.0730

■ 57.1175, 64.4601,
24.5000

■ 73.8083, 76.0951,
97.1055

■ 55.5423, 63.0379,
18.6477

■ 75.9299, 77.8048,
105.6236

■ 54.2566, 61.7411,
14.2897

■ 76.4743, 78.8935,
105.8051

■ 53.2338, 60.5591,
11.2861

■ 77.0249, 79.9947,
105.9886

■ 52.4422, 59.4792,
9.4707

■ 77.5817, 81.1084,
106.1742

■ 51.8357, 58.4964,
8.5589

■ 78.1449, 82.2347,
106.3619

■ 78.7143, 83.3736,
106.5518

Harmonies

Analogous

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



68.7534, 69.5654, 52.3346



63.7988, 69.5654, 52.1844



59.6740, 69.5654, 57.7697

Triad

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



63.7988, 69.5654, 52.1844



59.5028, 69.5654, 96.4896



75.7527, 69.5654, 83.4358

Complementary

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



63.7988, 69.5654, 52.1844



48.4071, 48.2474, 76.5736

Split Complementary

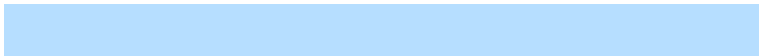
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0139, 69.5654, 97.1083



63.7988, 69.5654, 52.1844



63.5544, 69.5654, 105.2650

Square

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



63.7988, 69.5654, 52.1844



57.2792, 69.5654, 82.6726



68.4965, 69.5654, 105.5046



75.8263, 69.5654, 69.2155

Rectangle

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



63.7988, 69.5654, 52.1844



57.8795, 69.5654, 64.4515



68.4965, 69.5654, 105.5046



75.1073, 69.5654, 88.2860

Sweetspot

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



63.8006, 69.5685, 52.1859



92.2519, 98.1899, 96.2950



54.8478, 50.9278, 51.4676



19.6830, 20.9756, 20.3305



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.



63.8006, 69.5685, 52.1859



85.0064, 93.2486, 64.4397



59.6009, 68.9693, 52.2916



14.7623, 15.8105, 14.5805



30.5214, 34.4806, 5.0468



2.1465, 2.4519, 0.3601

Inverse Universe

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



48.4071, 48.2474, 76.5736



60.7239, 59.6170, 102.9145



52.0054, 48.9052, 76.5110



13.0494, 13.4379, 17.2937



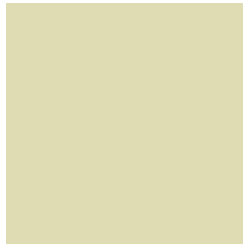
8.0112, 3.4920, 41.3002



0.5895, 0.3105, 2.8741

Previews

White Background



This preview shows how the XYZ color 63.7988, 69.5654, 52.1844 looks on a white background.

Color Contrast Check

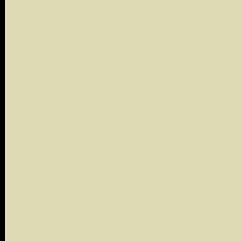
Large Text (above 18pt) WCAG AA × Fail

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 63.7988, 69.5654, 52.1844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

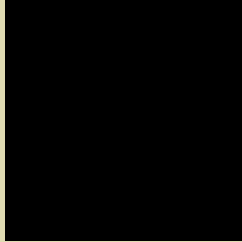
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

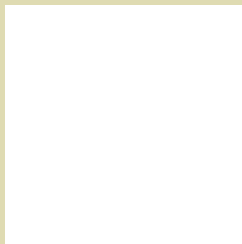
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7988, 69.5654, 52.1844

Background



This preview shows how black text looks on a background with the XYZ color 63.7988, 69.5654, 52.1844.



This preview shows how white text looks on a background with the XYZ color 63.7988, 69.5654,

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

63.7988, 69.5654, 52.1844

Protanopia

65.3818, 69.6230, 51.5876

Deuteranopia

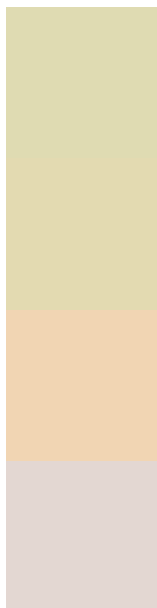
70.8223, 69.4054, 52.8439



Tritanopia

70.3195, 69.5671, 83.8503

Trichromacy



Original Color

63.7988, 69.5654, 52.1844

Protanomaly

64.6858, 69.6480, 51.6291

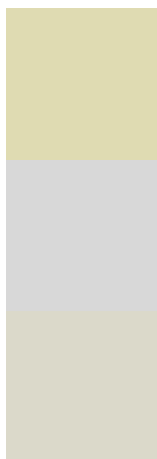
Deuteranomaly

68.2066, 69.5439, 52.4763

Tritanomaly

67.6119, 69.5849, 70.8405

Monochromacy



Original Color

63.7988, 69.5654, 52.1844

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.6869, 68.9500, 65.7764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7988, 69.5654, 52.1844 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(223, 219, 178)` looks like.

```
.text, #text, p{  
    color:rgb(223, 219, 178)  
}
```

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(223, 219, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 178) }
```

Border

The CSS property to change the border of an element to XYZ 63.7988, 69.5654, 52.1844 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(223, 219, 178) }
```


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

```
.border{ border-color:rgb(223, 219, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 219, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 219, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 219, 178);  
box-shadow:4px 4px 4px 4px rgb(223, 219,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7988, 69.5654, 52.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 178) }
```

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

```
.background{ background-color: rgb(223,  
219, 178) }
```

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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