

Converting Colors

XYZ(52.8541, 53.8026, 31.8073)

Have a look what the booklet for
XYZ(52.8541, 53.8026, 31.8073)
contains.

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Color

**XYZ(52.9092, 53.7598,
31.6328)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DEBD8A |
| RGB | 222, 189, 138 |
| RGB Percent | 87%, 74%, 54% |
| CMY | 0.1294, 0.2588, 0.4588 |
| CMYK | 0.00, 0.15, 0.38, 0.13 |
| HSL | 36°, 56%, 71% |
| HSV | 36°, 38%, 87% |
| XYZ | 52.9092, 53.7598, 31.6328 |
| YIQ | 193.0530, 36.0390, -8.8650 |

Conversions

Conversions Part 2

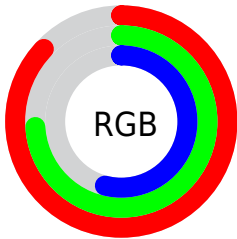
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 192, 222, 138 |
| Decimal | 14597514 |
| CIE Lab | 78.32, 4.75, 30.16 |
| CIE LCh | 78, 30.534, 81.050 |
| Yxy | 53.7598, 0.3826, 0.3887 |
| Android (android.graphics.Color) | 4292787594 (0xFFDEBD8A) |
| YUV | 193.0530, -27.1411, 25.3865 |
| Hunter-Lab | 73.3211, 0.4955, 25.7454 |

Details

The XYZ color **52.9092, 53.7598, 31.6328** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.2284, 39.8015, 74.7747**, and the grayscale version is **50.8606, 53.5093, 58.2716**.

A 20% lighter version of the original color is **83.4068, 90.3706, 62.9164**, and **26.0415, 26.2958, 12.7199** is the 20% darker color. If you saturate the color by 10%, you get **49.6440, 49.5440, 23.4090**, and if you desaturate by 10%, it is **56.6184, 58.3376, 41.6265**.

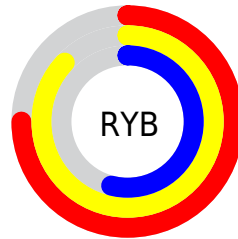
Distribution



Red (87%)

Green (74%)

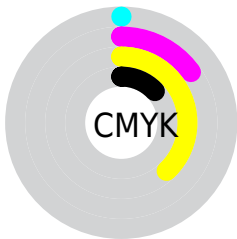
Blue (54%)



Red (75%)

Yellow (87%)

Blue (54%)

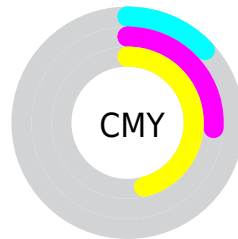


Cyan (0%)

Magenta (15%)

Yellow (38%)

Black (13%)



Cyan (13%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9092, 53.7598, 31.6328 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 52.9092, 53.7598, 31.6328 by changing the saturation by 10% instead.

■ 52.9092, 53.7598,
31.6328

■ 52.9092, 53.7598,
31.6328

388.2032,
401.1934, 323.8841

■ 37.9575, 38.4097,
20.8187

■ 93.6371, 95.7215,
63.3262

■ 26.1268, 26.3008,
12.8016

■ 120.1439,
123.1018, 85.0426

■ 17.0517, 17.0488,
7.1629

■ 151.2332,
155.2610, 111.2301

■ 10.3669, 10.2693,
3.4842

187.2702,
192.5834, 142.3073

■ 5.7070, 5.5779,
1.3469

228.6204,
235.4534, 178.6928

■ 2.7067, 2.5901,
0.0998

275.6490,

■ 1.0006, 0.9217,

284.2555, 220.8051

0.0000

328.7215,
339.3741, 269.0627

■ 0.0000, 0.0000,
0.0000

■ 52.9092, 53.7598,
31.6328

■ 52.9092, 53.7598,
31.6328

■ 49.6440, 49.5440,
23.4090

■ 56.6184, 58.3376,
41.6265

■ 46.7967, 45.6706,
16.8451

■ 60.7880, 63.2812,
53.4846

■ 44.3442, 42.1293,
11.8237

■ 65.4382, 68.6035,
67.2987

■ 42.2592, 38.9058,
8.2104

■ 70.5869, 74.3146,
83.1534

■ 40.5095, 35.9838,
5.8475

■ 76.2507, 80.4241,
101.1284

■ 39.0515, 33.3422,
4.5153

■ 79.7260, 85.8533,
106.9771

■ 38.7602, 32.8017,
4.2885

■ 82.3740, 91.1493,
107.8597

■ 83.9341, 94.2696,
108.3798

Harmonies

Analogous

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



58.6815, 53.7598, 36.4557



52.9092, 53.7598, 31.6328



47.0726, 53.7598, 32.8412

Triad

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



52.9092, 53.7598, 31.6328



41.0882, 53.7598, 71.1944



60.5834, 53.7598, 81.8053

Complementary

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



52.9092, 53.7598, 31.6328



38.2284, 39.8015, 74.7747

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.



55.3447, 53.7598, 95.0132



52.9092, 53.7598, 31.6328



44.1960, 53.7598, 88.1030

Square

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



52.9092, 53.7598, 31.6328



40.5475, 53.7598, 53.5541



49.3268, 53.7598, 97.5192



63.3341, 53.7598, 63.8162

Rectangle

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



52.9092, 53.7598, 31.6328



43.9034, 53.7598, 37.0249



49.3268, 53.7598, 97.5192



59.0366, 53.7598, 87.0872

Sweetspot

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



52.9106, 53.7623, 31.6339



87.4435, 91.4939, 85.6882



46.6210, 36.6703, 43.4500



18.5283, 19.3687, 17.7793



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.



52.9106, 53.7623, 31.6339



69.0206, 69.2180, 34.6303



58.3237, 68.3135, 34.1573



14.3963, 15.0786, 14.4585



23.1340, 19.7059, 2.5843



1.6900, 1.5388, 0.2079

Inverse Universe

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



38.2284, 39.8015, 74.7747



46.3240, 47.6504, 101.3637



34.1991, 29.5992, 73.0178



13.3915, 14.1221, 17.4077



9.9665, 7.4026, 41.9519



0.7762, 0.6839, 2.9363

Previews

White Background



This preview shows how the XYZ color 52.9092, 53.7598, 31.6328 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 52.9092, 53.7598, 31.6328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

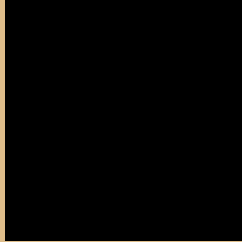
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9092, 53.7598, 31.6328

Background



This preview shows how black text looks on a background with the XYZ color 52.9092, 53.7598, 31.6328.



This preview shows how white text looks on a background with the XYZ color 52.9092, 53.7598,

31.6328.

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

52.9092, 53.7598, 31.6328

Protanopia

50.3199, 54.0323, 32.5881

Deuteranopia

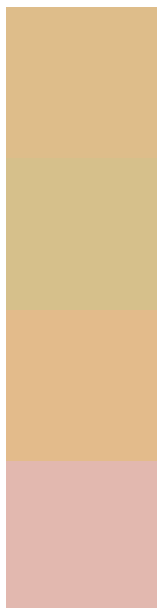
54.8522, 53.8049, 31.9205



Tritanopia

58.4826, 53.5272, 59.4740

Trichromacy



Original Color

52.9092, 53.7598, 31.6328

Protanomaly

51.2414, 53.8595, 32.1213

Deuteranomaly

54.1091, 53.7356, 31.9463

Tritanomaly

56.2424, 53.5449, 47.9283

Monochromacy



Original Color

52.9092, 53.7598, 31.6328

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2943, 53.5538, 47.1686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9092, 53.7598, 31.6328 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, 189, 138)` looks like.

```
.text, #text, p{  
    color:rgb(222, 189, 138)  
}
```

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, 189, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 189, 138) }
```

Border

The CSS property to change the border of an element to XYZ 52.9092, 53.7598, 31.6328 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, 189, 138) }
```


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

```
.border{ border-color:rgb(222, 189, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 189, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 189, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 189, 138); box-shadow:4px 4px 4px 4px rgb(222, 189, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9092, 53.7598, 31.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 189, 138) }
```

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

```
.background{ background-color: rgb(222,  
189, 138) }
```

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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