

Converting Colors

XYZ(51.3030, 50.8521, 40.3692)

Have a look what the booklet for
XYZ(51.3030, 50.8521, 40.3692)
contains.

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Color

**XYZ(51.3030, 50.8521,
40.3692)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B7A0
RGB	215, 183, 160
RGB Percent	84%, 72%, 63%
CMY	0.1569, 0.2823, 0.3725
CMYK	0.00, 0.15, 0.26, 0.16
HSL	25°, 41%, 74%
HSV	25°, 26%, 84%
XYZ	51.3030, 50.8521, 40.3692
YIQ	189.9460, 26.4550, -0.3690

Conversions

Conversions Part 2

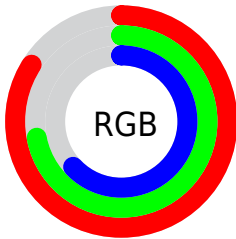
Format	Color
R _Y B	215, 200, 160
Decimal	14137248
CIE Lab	76.59, 8.01, 15.96
CIE LCh	77, 17.856, 63.341
Yxy	50.8521, 0.3600, 0.3568
Android (android.graphics.Color)	4292327328 (0xFFD7B7A0)
YUV	189.9460, -14.7634, 21.9724
Hunter-Lab	71.3107, 3.6245, 16.3532

Details

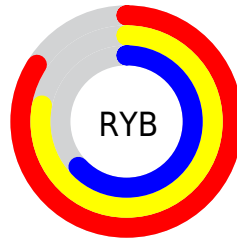
The XYZ color **51.3030, 50.8521, 40.3692** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.6122, 50.0779, 71.5523**, and the grayscale version is **48.9852, 51.5363, 56.1230**.

A 20% lighter version of the original color is **84.3722, 87.8993, 76.8093**, and **25.1866, 24.5216, 17.5930** is the 20% darker color. If you saturate the color by 10%, you get **47.1165, 45.2332, 30.4831**, and if you desaturate by 10%, it is **56.0467, 57.0644, 52.0469**.

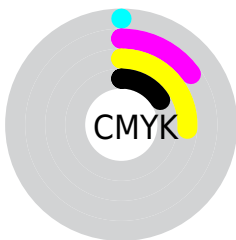
Distribution



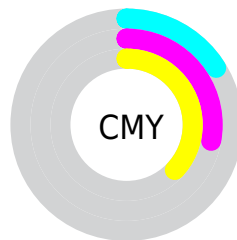
- Red (84%)
- Green (72%)
- Blue (63%)



- Red (84%)
- Yellow (78%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3030, 50.8521, 40.3692 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 51.3030, 50.8521, 40.3692 by changing the saturation by 10% instead.


 51.3030, 50.8521,
40.3692


 51.3030, 50.8521,
40.3692

382.1082,
389.9889, 363.2755

 36.6718, 36.0909,
27.5105


 91.2828, 91.4361,
76.9686

 25.1260, 24.5044,
17.7212


 117.3622,
118.0277, 101.5465

 16.3002, 15.7082,
10.5827


147.9883,
149.3316, 130.8678

 9.8290, 9.3179,
5.6763

183.5266,
185.7322, 165.3511

 5.3471, 4.9491,
2.5837

224.3424,
227.6138, 205.4150

 2.4892, 2.2174,
0.8840

270.8010,

 0.8898, 0.7295,

275.3608, 251.4780

0.0000

323.2678,
329.3577, 303.9587

0.0000, 0.0000,
0.0000

51.3030, 50.8521,
40.3692

51.3030, 50.8521,
40.3692

47.1165, 45.2332,
30.4831

56.0467, 57.0644,
52.0469

43.4607, 40.1820,
22.2953

61.3650, 63.8806,
65.5968

40.3122, 35.6812,
15.7088

67.2791, 71.3201,
81.0984

37.6447, 31.7099,
10.6153

73.8081, 79.3988,
98.6255

35.4286, 28.2454,
6.8929

78.8913, 87.3008,
107.3005

■ 33.6302, 25.2629,
4.4001

■ 81.8345, 93.1871,
108.2815

■ 32.2097, 22.7343,
2.9633

■ 31.6744, 21.7470,
2.5282

Harmonies

Analogous

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



53.9582, 50.8521, 45.7723



51.3030, 50.8521, 40.3692



47.9563, 50.8521, 38.8152

Triad

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



51.3030, 50.8521, 40.3692



42.1419, 50.8521, 56.4593



51.9875, 50.8521, 72.3866

Complementary

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



51.3030, 50.8521, 40.3692



45.6122, 50.0779, 71.5523

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.



48.7125, 50.8521, 76.0657



51.3030, 50.8521, 40.3692



43.1137, 50.8521, 66.2219

Square

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



51.3030, 50.8521, 40.3692



42.7643, 50.8521, 47.4444



45.4807, 50.8521, 73.6891



54.3662, 50.8521, 64.1309

Rectangle

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



51.3030, 50.8521, 40.3692



45.8083, 50.8521, 40.0021



45.4807, 50.8521, 73.6891



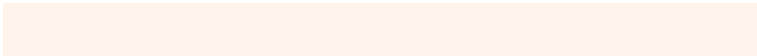
50.9496, 50.8521, 74.2404

Sweetspot

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



51.3043, 50.8544, 40.3703



88.2679, 91.4156, 91.2874



50.1193, 43.3988, 55.6533



18.6336, 19.2354, 18.8750



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.



51.3043, 50.8544, 40.3703



71.8753, 70.0001, 50.7715



57.5195, 63.2847, 42.4420



12.8458, 13.2658, 13.0442



19.0445, 13.2062, 1.5453



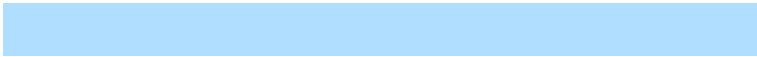
1.2294, 0.9581, 0.1201

Inverse Universe

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



45.6122, 50.0779, 71.5523



62.0476, 68.6532, 104.5889



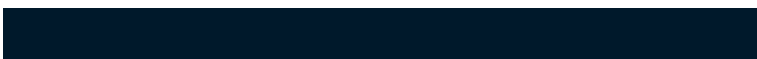
40.1437, 39.1408, 69.7294



12.3367, 13.1968, 15.8345



11.8353, 11.9324, 40.1326



0.7948, 0.8816, 2.4476

Previews

White Background



This preview shows how the XYZ color 51.3030, 50.8521, 40.3692 looks on a white background.

Color Contrast Check

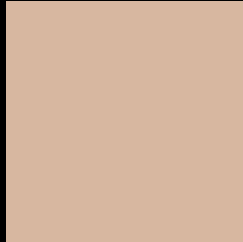
Large Text (above 18pt) WCAG AA × Fail

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 51.3030, 50.8521, 40.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

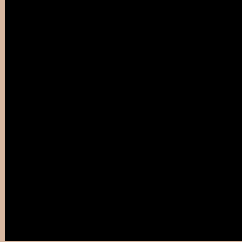
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3030, 50.8521, 40.3692

Background



This preview shows how black text looks on a background with the XYZ color 51.3030, 50.8521, 40.3692.



This preview shows how white text looks on a background with the XYZ color 51.3030, 50.8521,

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

51.3030, 50.8521, 40.3692

Protanopia

48.3616, 51.1816, 41.9804

Deuteranopia

51.9866, 50.8994, 40.3423



Tritanopia

54.6482, 50.7066, 56.7763

Trichromacy



Original Color

51.3030, 50.8521, 40.3692

Protanomaly

49.4687, 51.1284, 41.4439

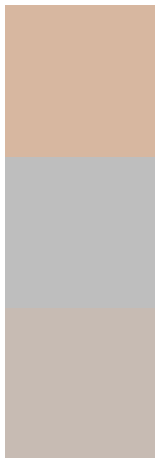
Deuteranomaly

51.6884, 50.7457, 40.3283

Tritanomaly

53.4729, 50.8432, 50.1754

Monochromacy



Original Color

51.3030, 50.8521, 40.3692

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4602, 50.9374, 49.8729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3030, 50.8521, 40.3692 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(215, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(215, 183, 160)  
}
```

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(215, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 183, 160) }
```

Border

The CSS property to change the border of an element to XYZ 51.3030, 50.8521, 40.3692 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(215, 183, 160) }
```


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

```
.border{ border-color:rgb(215, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(215, 183,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3030, 50.8521, 40.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 183, 160) }
```

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

```
.background{ background-color: rgb(215,  
183, 160) }
```

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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