

Converting Colors

XYZ(50.0831, 53.7743, 29.1899)

Have a look what the booklet for
XYZ(50.0831, 53.7743, 29.1899)
contains.

XYZ(50.0307, 53.6275, 29.1870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.0307, 53.6275,
29.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C183
RGB	211, 193, 131
RGB Percent	83%, 76%, 51%
CMY	0.1725, 0.2431, 0.4863
CMYK	0.00, 0.09, 0.38, 0.17
HSL	47°, 48%, 67%
HSV	47°, 38%, 83%
XYZ	50.0307, 53.6275, 29.1870
YIQ	191.3140, 30.6300, -15.4660

Conversions

Conversions Part 2

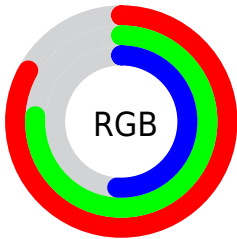
Format	Color
RYB	154, 211, 131
Decimal	13877635
CIELab	78.24, -2.51, 33.53
CIELCh	78, 33.628, 94.288
Yxy	53.6275, 0.3766, 0.4037
Android (android.graphics.Color)	4292067715 (0xFFD3C183)
YUV	191.3140, -29.7348, 17.2646
Hunter-Lab	73.2308, -6.2041, 27.6308

Details

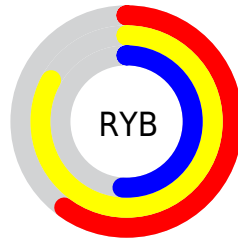
The XYZ color **50.0307, 53.6275, 29.1870** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8652, 31.0225, 65.9366**, and the grayscale version is **49.8595, 52.4561, 57.1247**.

A 20% lighter version of the original color is **83.8726, 92.5141, 59.3354**, and **24.3809, 26.3188, 11.5796** is the 20% darker color. If you saturate the color by 10%, you get **47.7118, 51.0498, 22.0628**, and if you desaturate by 10%, it is **52.6772, 56.3940, 37.8583**.

Distribution



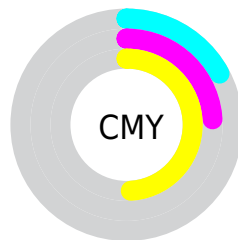
- Red (83%)
- Green (76%)
- Blue (51%)



- Red (60%)
- Yellow (83%)
- Blue (51%)



- Cyan (0%)
- Magenta (9%)
- Yellow (38%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0307, 53.6275, 29.1870 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 50.0307, 53.6275, 29.1870 by changing the saturation by 10% instead.

■ 50.0307, 53.6275,
29.1870

■ 50.0307, 53.6275,
29.1870

377.2360,
400.6880, 312.1848

■ 35.6557, 38.3039,
18.9755

■ 89.4119, 95.5271,
59.4198

■ 24.3373, 26.2187,
11.4760

■ 115.1488,
122.8719, 80.2782

■ 15.7101, 16.9873,
6.2698

■ 145.4037,
154.9926, 105.5226

■ 9.4088, 10.2254,
2.9384

180.5420,
192.2736, 135.5717

■ 5.0680, 5.5487,
1.0632

220.9291,
235.0992, 170.8439

■ 2.3224, 2.5726,
0.0000

266.9301,

■ 0.8061, 0.9129,

283.8539, 211.7578

0.0000

318.9107,
338.9220, 258.7319

■ 0.0000, 0.0000,
0.0000

■ 50.0307, 53.6275,
29.1870

■ 50.0307, 53.6275,
29.1870

■ 47.7118, 51.0498,
22.0628

■ 52.6772, 56.3940,
37.8583

■ 45.6984, 48.6458,
16.3887

■ 55.6639, 59.3489,
48.1594

■ 43.9717, 46.4094,
12.0616

■ 59.0076, 62.5015,
60.1710

■ 42.5091, 44.3310,
8.9637

■ 62.7226, 65.8580,
73.9673

■ 41.2840, 42.3994,
6.9563

■ 66.8224, 69.4243,
89.6182

■ 40.2583, 40.5989,
5.8409

■ 70.8981, 73.0371,
104.9686

■ 40.0569, 40.2347,
5.6548

■ 72.1727, 75.5862,
105.3934

■ 73.4830, 78.2069,
105.8302

■ 74.8293, 80.8995,
106.2790

Harmonies

Analogous

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



56.6629, 53.6275, 31.4395



50.0307, 53.6275, 29.1870



44.1675, 53.6275, 33.2679

Triad

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



50.0307, 53.6275, 29.1870



41.2116, 53.6275, 81.2884



63.2484, 53.6275, 75.5742

Complementary

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



50.0307, 53.6275, 29.1870



31.8652, 31.0225, 65.9366

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.



58.4403, 53.6275, 93.7580



50.0307, 53.6275, 29.1870



45.6743, 53.6275, 97.5243

Square

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



50.0307, 53.6275, 29.1870



39.3615, 53.6275, 61.1440



51.9237, 53.6275, 102.5174



64.6653, 53.6275, 55.7223

Rectangle

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



50.0307, 53.6275, 29.1870



41.3684, 53.6275, 39.6831



51.9237, 53.6275, 102.5174



61.9560, 53.6275, 82.2121

Sweetspot

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



50.0320, 53.6300, 29.1881



88.8783, 94.3634, 86.1664



40.4589, 32.2734, 32.8113



18.8712, 20.0547, 17.8936



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.



50.0320, 53.6300, 29.1881



74.0635, 79.3037, 36.3113



48.5434, 59.1317, 30.3285



12.5685, 13.3277, 12.5221



24.2540, 24.4411, 3.4393



1.4129, 1.4801, 0.2112

Inverse Universe

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



31.8652, 31.0225, 65.9366



42.5549, 40.1121, 100.1073



32.8861, 27.6441, 65.2307



11.3763, 11.8429, 14.9300



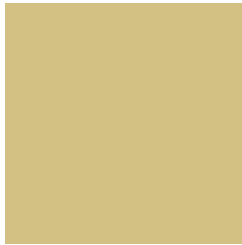
7.7844, 4.2155, 37.5959



0.4964, 0.3579, 2.1225

Previews

White Background



This preview shows how the XYZ color 50.0307, 53.6275, 29.1870 looks on a white background.

Color Contrast Check

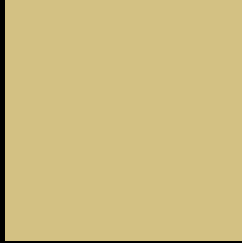
Large Text (above 18pt) WCAG AA × Fail

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 50.0307, 53.6275, 29.1870 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 50.0307, 53.6275, 29.1870

Background



This preview shows how black text looks on a background with the XYZ color 50.0307, 53.6275, 29.1870.

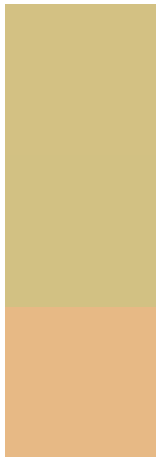


This preview shows how white text looks on a background with the XYZ color 50.0307, 53.6275,

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

50.0307, 53.6275, 29.1870

Protanopia

49.7450, 53.4803, 29.1736

Deuteranopia

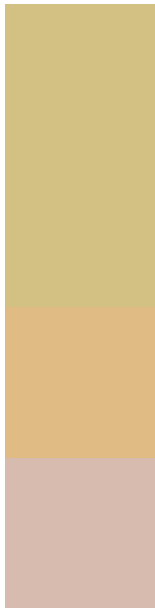
54.5376, 53.3803, 29.6193



Tritanopia

56.3627, 53.3099, 61.3520

Trichromacy



Original Color

50.0307, 53.6275, 29.1870

Protanomaly

49.7450, 53.4803, 29.1736

Deuteranomaly

52.8885, 53.4797, 29.3649

Tritanomaly

53.4346, 53.0437, 47.4666

Monochromacy



Original Color

50.0307, 53.6275, 29.1870

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.2998, 52.5696, 45.0847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0307, 53.6275, 29.1870 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(211, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 131)  
}
```

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(211, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 131) }
```

Border

The CSS property to change the border of an element to XYZ 50.0307, 53.6275, 29.1870 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(211, 193, 131) }
```


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

```
.border{ border-color:rgb(211, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0307, 53.6275, 29.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 131) }
```

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

```
.background{ background-color: rgb(211,  
193, 131) }
```

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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