

Converting Colors

XYZ(50.2699, 53.1987, 28.9501)

Have a look what the booklet for
XYZ(50.2699, 53.1987, 28.9501)
contains.

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Color

**XYZ(50.1681, 53.0464,
29.0676)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BF83
RGB	213, 191, 131
RGB Percent	84%, 75%, 51%
CMY	0.1647, 0.2510, 0.4863
CMYK	0.00, 0.10, 0.38, 0.16
HSL	44°, 49%, 67%
HSV	44°, 38%, 84%
XYZ	50.1681, 53.0464, 29.0676
YIQ	190.7380, 32.3720, -13.9960

Conversions

Conversions Part 2

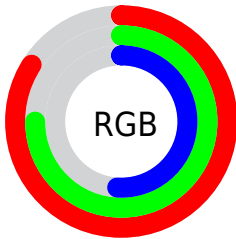
Format	Color
R_{YB}	161, 213, 131
Decimal	14008195
CIE Lab	77.90, -0.67, 33.12
CIE LCh	78, 33.128, 91.163
Yxy	53.0464, 0.3793, 0.4010
Android (android.graphics.Color)	4292198275 (0xFFD5BF83)
YUV	190.7380, -29.4508, 19.5238
Hunter-Lab	72.8330, -4.5050, 27.3205

Details

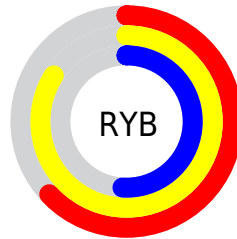
The XYZ color **50.1681, 53.0464, 29.0676** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7613, 32.4109, 67.4800**, and the grayscale version is **49.5226, 52.1016, 56.7387**.

A 20% lighter version of the original color is **83.2577, 91.2843, 59.1304**, and **24.4783, 25.9391, 11.5012** is the 20% darker color. If you saturate the color by 10%, you get **47.6490, 50.0857, 21.8231**, and if you desaturate by 10%, it is **53.0353, 56.2280, 37.8934**.

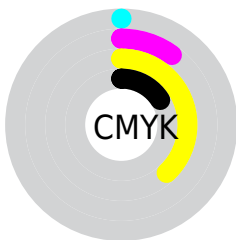
Distribution



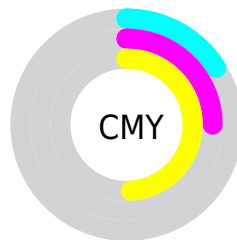
- Red (84%)
- Green (75%)
- Blue (51%)



- Red (63%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1681, 53.0464, 29.0676 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 50.1681, 53.0464, 29.0676 by changing the saturation by 10% instead.

■ 50.1681, 53.0464,
29.0676

■ 50.1681, 53.0464,
29.0676

377.7641,
398.4631, 311.6047

■ 35.7653, 37.8398,
18.8859

■ 89.6142, 94.6726,
59.2279

■ 24.4223, 25.8584,
11.4119

■ 115.3883,
121.8611, 80.0437

■ 15.7736, 16.7177,
6.2270

■ 145.6835,
153.8123, 105.2413

■ 9.4539, 10.0334,
2.9126

180.8652,
190.9106, 135.2391

■ 5.0979, 5.4211,
1.0502

221.2987,
233.5404, 170.4559

■ 2.3402, 2.4964,
0.0000

267.3495,

■ 0.8151, 0.8748,

282.0862, 211.3100

0.0000

319.3828,
336.9323, 258.2201

■ 0.0000, 0.0000,
0.0000

■ 50.1681, 53.0464,
29.0676

■ 50.1681, 53.0464,
29.0676

■ 47.6490, 50.0857,
21.8231

■ 53.0353, 56.2280,
37.8934

■ 45.4551, 47.3301,
16.0600

■ 56.2639, 59.6308,
48.3857

■ 43.5668, 44.7727,
11.6720

■ 59.8712, 63.2646,
60.6274

■ 41.9605, 42.4032,
8.5374

■ 63.8722, 67.1362,
74.6949

■ 40.6084, 40.2097,
6.5127

■ 68.2812, 71.2521,
90.6601

■ 39.4686, 38.1742,
5.3801

■ 72.4931, 75.3711,
105.3350

■ 39.3066, 37.8782,
5.2395

■ 74.0662, 78.5174,
105.8594

■ 75.6915, 81.7680,
106.4012

■ 77.3695, 85.1241,
106.9605

Harmonies

Analogous

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



56.6289, 53.0464, 31.9341



50.1681, 53.0464, 29.0676



44.2801, 53.0464, 32.4214

Triad

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



50.1681, 53.0464, 29.0676



40.5500, 53.0464, 78.1173



62.0601, 53.0464, 76.6025

Complementary

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



50.1681, 53.0464, 29.0676



32.7613, 32.4109, 67.4800

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.



57.1006, 53.0464, 93.7200



50.1681, 53.0464, 29.0676



44.6805, 53.0464, 94.7174

Square

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



50.1681, 53.0464, 29.0676



39.0267, 53.0464, 58.4813



50.6708, 53.0464, 100.9533



63.8370, 53.0464, 57.0417

Rectangle

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



50.1681, 53.0464, 29.0676



41.3775, 53.0464, 38.2552



50.6708, 53.0464, 100.9533



60.6902, 53.0464, 82.9680

Sweetspot

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



50.1694, 53.0489, 29.0687



87.9461, 93.0580, 84.1325



41.4095, 32.7202, 34.8076



18.6698, 19.7633, 17.4828



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.



50.1694, 53.0489, 29.0687



72.3369, 76.1487, 34.8166



50.4572, 60.8605, 30.5613



13.1780, 13.9302, 13.1549



24.0984, 23.3140, 3.2299



1.5201, 1.5393, 0.2170

Inverse Universe

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



32.7613, 32.4109, 67.4800



42.7001, 41.0346, 100.2777



32.4790, 27.4050, 66.5286



12.0109, 12.5452, 15.7259



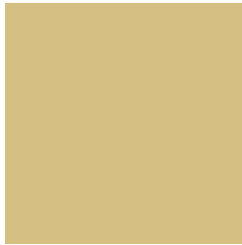
8.3067, 4.8751, 38.9563



0.5695, 0.4310, 2.3725

Previews

White Background



This preview shows how the XYZ color 50.1681, 53.0464, 29.0676 looks on a white background.

Color Contrast Check

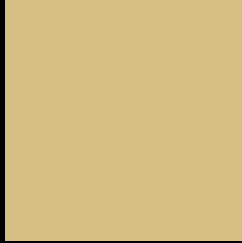
Large Text (above 18pt) WCAG AA × Fail

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 50.1681, 53.0464, 29.0676 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 50.1681, 53.0464, 29.0676

Background



This preview shows how black text looks on a background with the XYZ color 50.1681, 53.0464, 29.0676.



This preview shows how white text looks on a background with the XYZ color 50.1681, 53.0464,

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

50.1681, 53.0464, 29.0676

Protanopia

49.2472, 53.2158, 29.5059

Deuteranopia

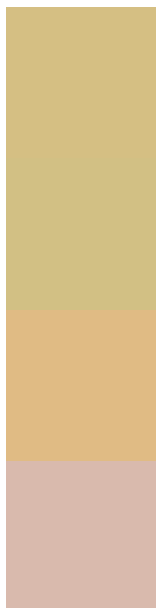
53.9385, 52.7699, 29.1725



Tritanopia

56.5267, 53.1138, 60.0960

Trichromacy



Original Color

50.1681, 53.0464, 29.0676

Protanomaly

49.5928, 53.0669, 29.4589

Deuteranomaly

52.6757, 53.0539, 29.2939

Tritanomaly

53.7170, 52.8867, 46.9121

Monochromacy



Original Color

50.1681, 53.0464, 29.0676

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3454, 52.2683, 45.0241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1681, 53.0464, 29.0676 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(213, 191, 131)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 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(213, 191, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 131) }
```

Border

The CSS property to change the border of an element to XYZ 50.1681, 53.0464, 29.0676 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(213, 191, 131) }
```


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

```
.border{ border-color:rgb(213, 191, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 191, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 131);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1681, 53.0464, 29.0676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 131) }
```

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

```
.background{ background-color: rgb(213,  
191, 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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