

Converting Colors

XYZ(50.2535, 53.0004, 36.5166)

Have a look what the booklet for
XYZ(50.2535, 53.0004, 36.5166)
contains.

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Color

**XYZ(50.1482, 52.8735,
36.4167)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BF96
RGB	208, 191, 150
RGB Percent	82%, 75%, 59%
CMY	0.1843, 0.2510, 0.4118
CMYK	0.00, 0.08, 0.28, 0.18
HSL	42°, 38%, 70%
HSV	42°, 28%, 82%
XYZ	50.1482, 52.8735, 36.4167
YIQ	191.4090, 23.2930, -9.1470

Conversions

Conversions Part 2

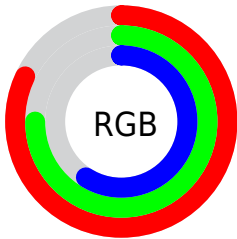
Format	Color
RYB	174, 208, 150
Decimal	13680534
CIELab	77.80, -0.29, 22.90
CIELCh	78, 22.898, 90.715
Yxy	52.8735, 0.3596, 0.3792
Android (android.graphics.Color)	4291870614 (0xFFD0BF96)
YUV	191.4090, -20.4146, 14.5503
Hunter-Lab	72.7142, -4.1451, 21.2063

Details

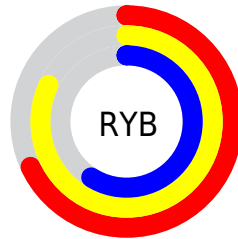
The XYZ color **50.1482, 52.8735, 36.4167** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7812, 38.6744, 65.1482**, and the grayscale version is **49.8653, 52.4622, 57.1313**.

A 20% lighter version of the original color is **85.3998, 92.1412, 70.4107**, and **24.4775, 25.8501, 15.5038** is the 20% darker color. If you saturate the color by 10%, you get **47.3186, 49.6607, 27.9308**, and if you desaturate by 10%, it is **53.3332, 56.3206, 46.4891**.

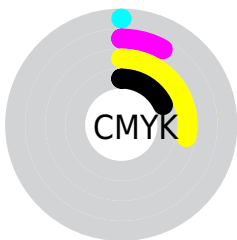
Distribution



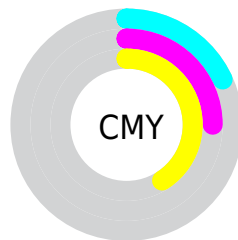
- Red (82%)
- Green (75%)
- Blue (59%)



- Red (68%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (28%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1482, 52.8735, 36.4167 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 50.1482, 52.8735, 36.4167 by changing the saturation by 10% instead.

■ 50.1482, 52.8735,
36.4167

■ 50.1482, 52.8735,
36.4167

377.6876,
397.7996, 345.8705

■ 35.7494, 37.7018,
24.4640

■ 89.5849, 94.4182,
70.8510

■ 24.4100, 25.7513,
15.4628

■ 115.3536,
121.5600, 94.1697

■ 15.7644, 16.6377,
8.9946

145.6430,
153.4606, 122.1140

■ 9.4474, 9.9765,
4.6409

180.8184,
190.5044, 155.1027

■ 5.0936, 5.3834,
1.9831

221.2452,
233.0758, 193.5541

■ 2.3376, 2.4739,
0.5449

267.2888,

■ 0.8138, 0.8635,

281.5592, 237.8869

0.0000

319.3145,
336.3390, 288.5195

■ 0.0000, 0.0000,
0.0000

■ 50.1482, 52.8735,
36.4167

■ 50.1482, 52.8735,
36.4167

■ 47.3186, 49.6607,
27.9308

■ 53.3332, 56.3206,
46.4891

■ 44.8238, 46.6675,
20.9450

■ 56.8848, 60.0021,
58.2215

■ 42.6475, 43.8881,
15.3697

■ 60.8185, 63.9270,
71.6871

■ 40.7699, 41.3134,
11.1045

■ 65.1478, 68.1017,
86.9533

■ 39.1687, 38.9334,
8.0354

■ 69.8854, 72.5323,
104.0842

■ 37.8178, 36.7365,
6.0288

■ 71.6889, 75.8828,
105.4762

■ 36.6801, 34.7067,
4.8922

■ 73.3912, 79.2873,
106.0436

■ 36.4542, 34.2934,
4.6979

■ 75.1531, 82.8112,
106.6309

■ 76.9753, 86.4556,
107.2383

Harmonies

Analogous

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



54.5482, 52.8735, 38.7671



50.1482, 52.8735, 36.4167



46.0184, 52.8735, 39.0020

Triad

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



50.1482, 52.8735, 36.4167



43.2655, 52.8735, 70.9856



58.0760, 52.8735, 70.3796

Complementary

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



50.1482, 52.8735, 36.4167



37.7812, 38.6744, 65.1482

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.



54.7433, 52.8735, 81.2567



50.1482, 52.8735, 36.4167



46.1926, 52.8735, 81.6413

Square

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



50.1482, 52.8735, 36.4167



42.1911, 52.8735, 57.8759



50.3613, 52.8735, 85.6476



59.2853, 52.8735, 57.2656

Rectangle

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



50.1482, 52.8735, 36.4167



43.9312, 52.8735, 43.4332



50.3613, 52.8735, 85.6476



57.1576, 52.8735, 74.4836

Sweetspot

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



50.1496, 52.8759, 36.4178



90.0603, 95.0003, 91.8848



43.9313, 38.0280, 41.7787



19.0853, 20.1388, 19.0256



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.



50.1496, 52.8759, 36.4178



76.9686, 80.9789, 50.0270



50.9303, 59.1034, 37.5787



12.4987, 13.1880, 12.4988



22.8074, 21.5478, 2.9571



1.3421, 1.3385, 0.1876

Inverse Universe

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



37.7812, 38.6744, 65.1482



54.4410, 55.1192, 102.3775



37.1112, 34.0070, 64.2826



11.4419, 11.9741, 14.9518



8.2074, 5.0614, 37.7369



0.5277, 0.4206, 2.1329

Previews

White Background



This preview shows how the XYZ color 50.1482, 52.8735, 36.4167 looks on a white background.

Color Contrast Check

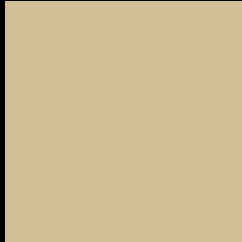
Large Text (above 18pt) WCAG AA × Fail

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 50.1482, 52.8735, 36.4167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

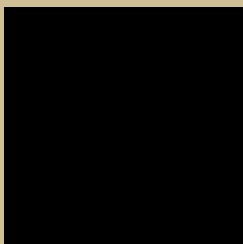
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

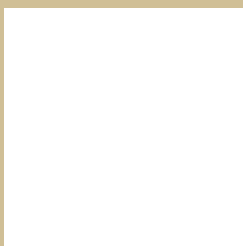
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1482, 52.8735, 36.4167

Background



This preview shows how black text looks on a background with the XYZ color 50.1482, 52.8735, 36.4167.



This preview shows how white text looks on a background with the XYZ color 50.1482, 52.8735,

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

50.1482, 52.8735, 36.4167

Protanopia

49.5315, 52.8804, 36.4505

Deuteranopia

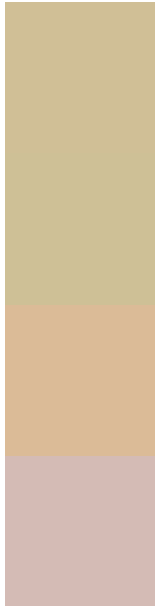
53.9862, 52.9398, 36.6512



Tritanopia

55.1808, 52.7006, 61.2967

Trichromacy



Original Color

50.1482, 52.8735, 36.4167

Protanomaly

49.8083, 53.0231, 36.4635

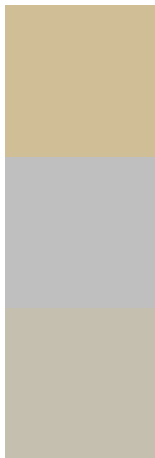
Deuteranomaly

52.5697, 52.8351, 36.7056

Tritanomaly

53.2622, 52.8739, 51.1145

Monochromacy



Original Color

50.1482, 52.8735, 36.4167

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4932, 52.2665, 48.5542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1482, 52.8735, 36.4167 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(208, 191, 150)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 150)  
}
```

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(208, 191, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 150) }
```

Border

The CSS property to change the border of an element to XYZ 50.1482, 52.8735, 36.4167 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(208, 191, 150) }
```


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

```
.border{ border-color:rgb(208, 191, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 150);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1482, 52.8735, 36.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 150) }
```

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

```
.background{ background-color: rgb(208,  
191, 150) }
```

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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