

Converting Colors

XYZ(50.0028, 52.5519, 32.3194)

Have a look what the booklet for
XYZ(50.0028, 52.5519, 32.3194)
contains.

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Color

**XYZ(50.0110, 52.5692,
32.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BE8C
RGB	211, 190, 140
RGB Percent	83%, 75%, 55%
CMY	0.1725, 0.2549, 0.4510
CMYK	0.00, 0.10, 0.34, 0.17
HSL	42°, 45%, 69%
HSV	42°, 34%, 83%
XYZ	50.0110, 52.5692, 32.3220
YIQ	190.5790, 28.5660, -11.0980

Conversions

Conversions Part 2

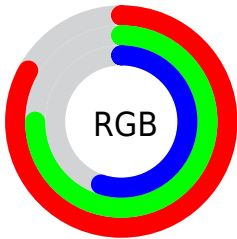
Format	Color
RYB	170, 211, 140
Decimal	13876876
CIELab	77.62, 0.12, 28.00
CIELCh	78, 27.998, 89.749
Yxy	52.5692, 0.3707, 0.3897
Android (android.graphics.Color)	4292066956 (0xFFD3BE8C)
YUV	190.5790, -24.9354, 17.9092
Hunter-Lab	72.5046, -3.7604, 24.3222

Details

The XYZ color **50.0110, 52.5692, 32.3220** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3177, 35.7673, 66.6703**, and the grayscale version is **49.4067, 51.9797, 56.6059**.

A 20% lighter version of the original color is **83.9334, 91.0666, 64.1928**, and **24.2664, 25.5812, 13.1099** is the 20% darker color. If you saturate the color by 10%, you get **47.2797, 49.3622, 24.4579**, and if you desaturate by 10%, it is **53.1012, 56.0161, 41.7788**.

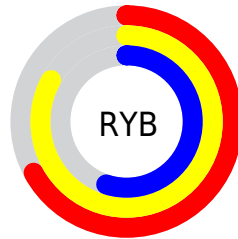
Distribution



Red (83%)

Green (75%)

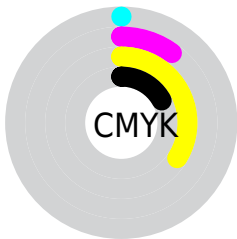
Blue (55%)



Red (67%)

Yellow (83%)

Blue (55%)

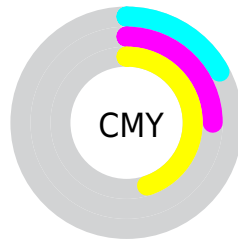


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (17%)



Cyan (17%)


Magenta (25%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0110, 52.5692, 32.3220 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 50.0110, 52.5692, 32.3220 by changing the saturation by 10% instead.


 50.0110, 52.5692,
32.3220


 50.0110, 52.5692,
32.3220


377.1602,
396.6301, 327.1213


 35.6400, 37.4590,
21.3407


 89.3829, 93.9701,
64.4193

 24.3251, 25.5631,
13.1796


 115.1145,
121.0297, 86.3724

 15.7010, 16.4970,
7.4202

 145.3636,
152.8411, 112.8199

 9.4023, 9.8766,
3.6438

180.4957,
189.7887, 144.1802

 5.0637, 5.3172,
1.4321

220.8760,
232.2571, 180.8720

 2.3198, 2.4345,
0.1665

266.8700,

 0.8048, 0.8436,

280.6305, 223.3137

0.0000

318.8429,
335.2934, 271.9240

■ 0.0000, 0.0000,
0.0000

■ 50.0110, 52.5692,
32.3220

■ 50.0110, 52.5692,
32.3220

■ 47.2797, 49.3622,
24.4579

■ 53.1012, 56.0161,
41.7788

■ 44.8856, 46.3797,
18.0928

■ 56.5627, 59.7033,
52.9082

■ 42.8102, 43.6149,
13.1283

■ 60.4122, 63.6405,
65.7885

■ 41.0318, 41.0580,
9.4529

■ 64.6641, 67.8346,
80.4923

■ 39.5252, 38.6977,
6.9378

■ 69.3321, 72.2920,
97.0880

■ 38.2600, 36.5206,
5.4272

■ 72.5040, 76.2490,
105.5039

■ 37.5491, 35.2193,
4.8189

■ 74.2461, 79.7332,
106.0846

■ 76.0507, 83.3423,
106.6861

■ 77.9184, 87.0778,
107.3087

Harmonies

Analogous

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



55.3901, 52.5692, 35.1726



50.0110, 52.5692, 32.3220



44.9806, 52.5692, 35.0784

Triad

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



50.0110, 52.5692, 32.3220



41.4691, 52.5692, 73.3266



59.4984, 52.5692, 73.5934

Complementary

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



50.0110, 52.5692, 32.3220



35.3177, 35.7673, 66.6703

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.



55.3056, 52.5692, 87.1878



50.0110, 52.5692, 32.3220



44.9071, 52.5692, 87.0153

Square

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



50.0110, 52.5692, 32.3220



40.2705, 52.5692, 57.1086



49.9199, 52.5692, 92.4881



61.1035, 52.5692, 57.3694

Rectangle

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



50.0110, 52.5692, 32.3220



42.4409, 52.5692, 40.0703



49.9199, 52.5692, 92.4881



58.3306, 52.5692, 78.7213

Sweetspot

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



50.0123, 52.5716, 32.3231



88.8542, 93.7480, 87.9074



42.7020, 35.1895, 38.3993



18.8428, 19.8847, 18.2327



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.



50.0123, 52.5716, 32.3231



73.8712, 77.3227, 41.1683



51.0017, 60.3254, 33.7676



12.4959, 13.1826, 12.4979



22.7537, 21.4405, 2.9392



1.3394, 1.3331, 0.1867

Inverse Universe

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



35.3177, 35.7673, 66.6703



48.1538, 47.9262, 101.3204



34.5010, 30.3497, 65.6677



11.4445, 11.9793, 14.9527



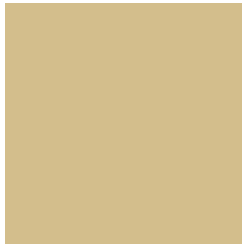
8.2266, 5.0997, 37.7432



0.5290, 0.4232, 2.1334

Previews

White Background



This preview shows how the XYZ color 50.0110, 52.5692, 32.3220 looks on a white background.

Color Contrast Check

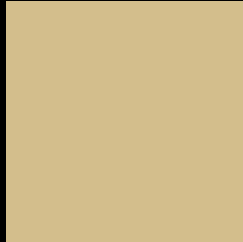
Large Text (above 18pt) WCAG AA × Fail

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 50.0110, 52.5692, 32.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

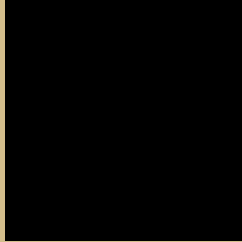
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0110, 52.5692, 32.3220

Background



This preview shows how black text looks on a background with the XYZ color 50.0110, 52.5692, 32.3220.



This preview shows how white text looks on a background with the XYZ color 50.0110, 52.5692,

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

50.0110, 52.5692, 32.3220

Protanopia

49.1110, 52.7442, 32.7915

Deuteranopia

53.6268, 52.5350, 32.5131



Tritanopia

55.6268, 52.6499, 60.0539

Trichromacy



Original Color

50.0110, 52.5692, 32.3220

Protanomaly

49.4509, 52.5946, 32.7447

Deuteranomaly

52.1854, 52.4131, 32.5656

Tritanomaly

53.4197, 52.6995, 48.4308

Monochromacy



Original Color

50.0110, 52.5692, 32.3220

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3659, 52.2459, 46.5123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0110, 52.5692, 32.3220 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, 190, 140)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 140)  
}
```

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, 190, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 140) }
```

Border

The CSS property to change the border of an element to XYZ 50.0110, 52.5692, 32.3220 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, 190, 140) }
```


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

```
.border{ border-color:rgb(211, 190, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 140);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0110, 52.5692, 32.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 140) }
```

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

```
.background{ background-color: rgb(211,  
190, 140) }
```

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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