

Converting Colors

XYZ(50.3110, 54.3536, 42.0269)

Have a look what the booklet for
XYZ(50.3110, 54.3536, 42.0269)
contains.

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Color

**XYZ(50.3489, 54.5060,
42.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C4A2
RGB	201, 196, 162
RGB Percent	79%, 77%, 64%
CMY	0.2118, 0.2314, 0.3647
CMYK	0.00, 0.02, 0.19, 0.21
HSL	52°, 27%, 71%
HSV	52°, 19%, 79%
XYZ	50.3489, 54.5060, 42.0495
YIQ	193.6190, 13.8940, -9.5140

Conversions

Conversions Part 2

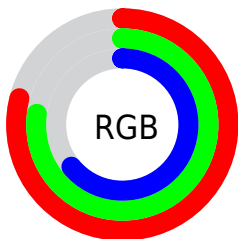
Format	Color
RYB	168, 201, 162
Decimal	13223074
CIELab	78.76, -3.87, 17.73
CIELCh	79, 18.144, 102.304
Yxy	54.5060, 0.3427, 0.3710
Android (android.graphics.Color)	4291413154 (0xFFC9C4A2)
YUV	193.6190, -15.5882, 6.4731
Hunter-Lab	73.8282, -7.4670, 17.9106

Details

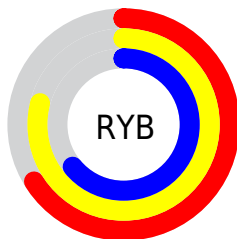
The XYZ color **50.3489, 54.5060, 42.0495** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2615, 39.5350, 60.8203**, and the grayscale version is **51.1376, 53.8008, 58.5890**.

A 20% lighter version of the original color is **88.8897, 96.5203, 79.5909**, and **24.5201, 26.6748, 18.6083** is the 20% darker color. If you saturate the color by 10%, you get **48.1279, 52.6982, 33.1877**, and if you desaturate by 10%, it is **52.8684, 56.4529, 52.4212**.

Distribution



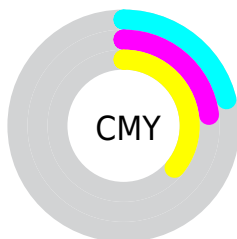
- Red (79%)
- Green (77%)
- Blue (64%)



- Red (66%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (21%)





- Cyan (21%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3489, 54.5060, 42.0495 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 50.3489, 54.5060, 42.0495 by changing the saturation by 10% instead.


 50.3489, 54.5060,
42.0495


 50.3489, 54.5060,
42.0495


378.4583,
404.0366, 370.4938

 35.9096, 39.0063,
28.8142


 89.8803, 96.8168,
79.5454

 24.5342, 26.7647,
18.6959


 115.7032,
124.3967, 104.6431

 15.8572, 17.3966,
11.2762


146.0514,
156.7722, 134.5321

 9.5134, 10.5176,
6.1364

181.2901,
194.3276, 169.6307

 5.1373, 5.7435,
2.8581

221.7848,
237.4474, 210.3577

 2.3636, 2.6897,
1.0226

267.9008,

 0.8269, 0.9720,

286.5159, 257.1315

0.0000

320.0035,
341.9175, 310.3707

■ 0.0000, 0.0000,
0.0000

■ 50.3489, 54.5060,
42.0495

■ 50.3489, 54.5060,
42.0495

■ 48.1279, 52.6982,
33.1877

■ 52.8684, 56.4529,
52.4212

■ 46.1875, 51.0166,
25.7608

■ 55.6948, 58.5367,
64.3658

■ 44.5144, 49.4577,
19.6931

■ 58.8413, 60.7647,
77.9470

■ 43.0925, 48.0150,
14.9000

■ 62.3194, 63.1415,
93.2242

■ 41.9041, 46.6814,
11.2879

■ 64.9081, 65.1788,
103.7675

■ 40.9288, 45.4485,
8.7500

■ 65.5444, 66.4514,
103.9796

■ 40.1427, 44.3068,
7.1605

■ 66.1910, 67.7446,
104.1951

■ 39.5036, 43.2393,
6.2984

■ 66.8479, 69.0584,
104.4141

■ 39.4670, 43.1766,
6.2538

■ 67.5152, 70.3928,
104.6365

Harmonies

Analogous

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



53.9333, 54.5060, 42.4332



50.3489, 54.5060, 42.0495



47.2969, 54.5060, 45.8924

Triad

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



50.3489, 54.5060, 42.0495



46.8661, 54.5060, 73.6758



58.6660, 54.5060, 65.5631

Complementary

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



50.3489, 54.5060, 42.0495



39.2615, 39.5350, 60.8203

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.



56.5936, 54.5060, 75.2053



50.3489, 54.5060, 42.0495



49.7360, 54.5060, 80.2483

Square

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



50.3489, 54.5060, 42.0495



45.3493, 54.5060, 63.6620



53.2916, 54.5060, 80.8384



58.8488, 54.5060, 55.2330

Rectangle

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



50.3489, 54.5060, 42.0495



45.9305, 54.5060, 50.6241



53.2916, 54.5060, 80.8384



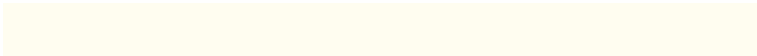
58.1630, 54.5060, 69.0202

Sweetspot

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



50.3503, 54.5084, 42.0507



92.0616, 97.8094, 96.2315



44.0019, 41.0563, 42.2625



19.6379, 20.8854, 20.3155



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.



50.3503, 54.5084, 42.0507



84.6538, 92.0816, 65.7455



47.8289, 54.9093, 42.2609



11.4035, 12.1762, 11.3120



24.8623, 27.2418, 3.9478



1.2104, 1.3563, 0.1980

Inverse Universe

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



39.2615, 39.5350, 60.8203



62.4663, 62.1231, 103.3064



41.4360, 39.3236, 60.6649



10.1644, 10.5028, 13.4090



6.8952, 3.1843, 34.9956



0.3635, 0.2248, 1.6694

Previews

White Background



This preview shows how the XYZ color 50.3489, 54.5060, 42.0495 looks on a white background.

Color Contrast Check

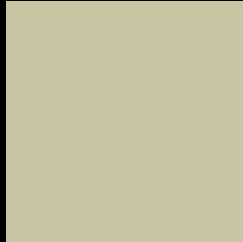
Large Text (above 18pt) WCAG AA × Fail

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 50.3489, 54.5060, 42.0495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

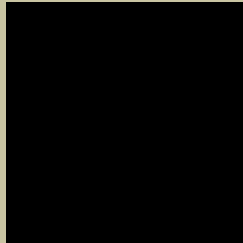
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

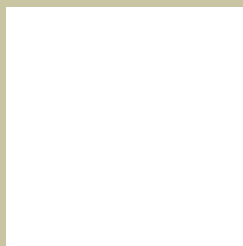
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3489, 54.5060, 42.0495

Background



This preview shows how black text looks on a background with the XYZ color 50.3489, 54.5060, 42.0495.



This preview shows how white text looks on a background with the XYZ color 50.3489, 54.5060,

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

50.3489, 54.5060, 42.0495

Protanopia

51.1784, 54.2786, 41.4976

Deuteranopia

55.5225, 54.2285, 42.6628



Tritanopia

55.1650, 54.5001, 65.3697

Trichromacy



Original Color

50.3489, 54.5060, 42.0495

Protanomaly

50.8500, 54.4408, 41.5463

Deuteranomaly

53.3432, 54.0702, 42.2754

Tritanomaly

53.2118, 54.3525, 55.8306

Monochromacy



Original Color

50.3489, 54.5060, 42.0495

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9846, 54.2779, 52.0455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3489, 54.5060, 42.0495 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(201, 196, 162)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 162)  
}
```

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(201, 196, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 162) }
```

Border

The CSS property to change the border of an element to XYZ 50.3489, 54.5060, 42.0495 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(201, 196, 162) }
```


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

```
.border{ border-color:rgb(201, 196, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 162);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3489, 54.5060, 42.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 162) }
```

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

```
.background{ background-color: rgb(201,  
196, 162) }
```

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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