

Converting Colors

XYZ(49.5955, 53.5629, 42.6589)

Have a look what the booklet for
XYZ(49.5955, 53.5629, 42.6589)
contains.

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Color

**XYZ(49.5458, 53.4060,
42.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C2A4
RGB	199, 194, 164
RGB Percent	78%, 76%, 64%
CMY	0.2196, 0.2392, 0.3569
CMYK	0.00, 0.03, 0.18, 0.22
HSL	51°, 24%, 71%
HSV	51°, 18%, 78%
XYZ	49.5458, 53.4060, 42.8190
YIQ	192.0750, 12.6100, -8.2700

Conversions

Conversions Part 2

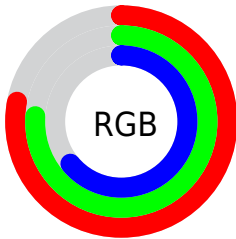
Format	Color
RYB	170, 199, 164
Decimal	13091492
CIELab	78.11, -3.26, 15.74
CIELCh	78, 16.072, 101.713
Yxy	53.4060, 0.3399, 0.3664
Android (android.graphics.Color)	4291281572 (0xFFC7C2A4)
YUV	192.0750, -13.8410, 6.0732
Hunter-Lab	73.0794, -6.8709, 16.4161

Details

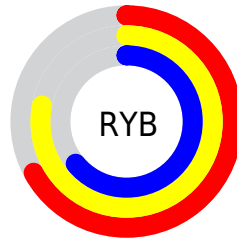
The XYZ color **49.5458, 53.4060, 42.8190** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8065, 40.3911, 59.7314**, and the grayscale version is **50.2210, 52.8364, 57.5389**.

A 20% lighter version of the original color is **88.2118, 94.7457, 80.6563**, and **23.9798, 25.9458, 19.0734** is the 20% darker color. If you saturate the color by 10%, you get **47.2618, 51.4923, 33.8743**, and if you desaturate by 10%, it is **52.1259, 55.4611, 53.2511**.

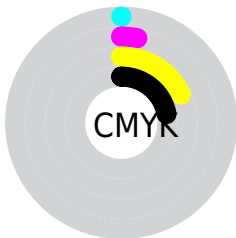
Distribution



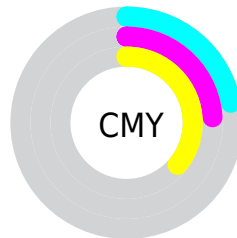
- Red (78%)
- Green (76%)
- Blue (64%)



- Red (67%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5458, 53.4060, 42.8190 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 49.5458, 53.4060, 42.8190 by changing the saturation by 10% instead.

■ 49.5458, 53.4060,
42.8190

■ 49.5458, 53.4060,
42.8190

375.3685,
399.8408, 373.7662

■ 35.2690, 38.1270,
29.4128

■ 88.6974, 95.2015,
80.7211

■ 24.0376, 26.0813,
19.1450

■ 114.3029,
122.4868, 106.0540

■ 15.4864, 16.8844,
11.5973

144.4153,
154.5430, 136.1996

■ 9.2500, 10.1521,
6.3509

179.3999,
191.7544, 171.5764

■ 4.9630, 5.4999,
2.9874

219.6222,
234.5055, 212.6029

■ 2.2601, 2.5435,
1.0882

265.4475,

■ 0.7741, 0.8983,

283.1807, 259.6977

0.0000

317.2412,
338.1644, 313.2793

■ 0.0000, 0.0000,
0.0000

■ 49.5458, 53.4060,
42.8190

■ 49.5458, 53.4060,
42.8190

■ 47.2618, 51.4923,
33.8743

■ 52.1259, 55.4611,
53.2511

■ 45.2567, 49.7076,
26.3449

■ 55.0103, 57.6555,
65.2314

■ 43.5177, 48.0484,
20.1578

■ 58.2117, 59.9963,
78.8215

■ 42.0293, 46.5085,
15.2320

■ 61.7412, 62.4880,
94.0786

■ 40.7745, 45.0810,
11.4781

■ 64.2098, 64.5751,
103.6878

■ 39.7340, 43.7579,
8.7945

■ 64.9095, 65.9744,
103.9210

■ 38.8852, 42.5303,
7.0626

■ 65.6216, 67.3987,
104.1584

■ 38.1957, 41.3849,
6.1128

■ 66.3463, 68.8481,
104.3999

■ 38.0401, 41.1156,
5.9312

■ 67.0836, 70.3227,
104.6457

Harmonies

Analogous

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



52.6775, 53.4060, 43.2385



49.5458, 53.4060, 42.8190



46.8512, 53.4060, 46.1819

Triad

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



49.5458, 53.4060, 42.8190



46.3890, 53.4060, 70.4217



56.7075, 53.4060, 63.7419

Complementary

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



49.5458, 53.4060, 42.8190



39.8065, 40.3911, 59.7314

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.



54.8821, 53.4060, 72.0255



49.5458, 53.4060, 42.8190



48.8912, 53.4060, 76.1474

Square

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



49.5458, 53.4060, 42.8190



45.0794, 53.4060, 61.7289



51.9955, 53.4060, 76.7628



56.9005, 53.4060, 54.7123

Rectangle

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



49.5458, 53.4060, 42.8190



45.6312, 53.4060, 50.3403



51.9955, 53.4060, 76.7628



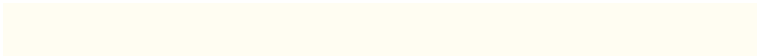
56.2611, 53.4060, 66.7285

Sweetspot

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



49.5472, 53.4084, 42.8201



92.4868, 98.0502, 98.2524



44.0142, 41.5677, 43.3636



19.7213, 20.9292, 20.7219



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.



49.5472, 53.4084, 42.8201



85.2055, 92.2380, 68.8492



47.5572, 54.0609, 43.0510



11.3899, 12.1489, 11.3074



24.5095, 26.5362, 3.8302



1.1968, 1.3291, 0.1935

Inverse Universe

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



39.8065, 40.3911, 59.7314



65.0820, 65.3468, 103.7907



41.5460, 39.9345, 59.5516



10.1768, 10.5277, 13.4132



6.9411, 3.2761, 35.0109



0.3692, 0.2362, 1.6713

Previews

White Background



This preview shows how the XYZ color 49.5458, 53.4060, 42.8190 looks on a white background.

Color Contrast Check

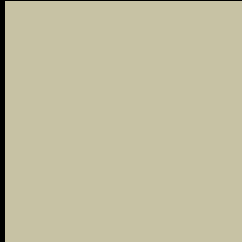
Large Text (above 18pt) WCAG AA × Fail

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 49.5458, 53.4060, 42.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

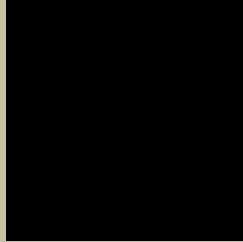
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

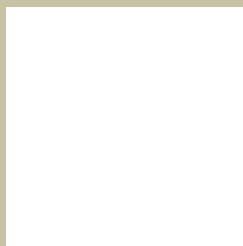
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5458, 53.4060, 42.8190

Background



This preview shows how black text looks on a background with the XYZ color 49.5458, 53.4060, 42.8190.



This preview shows how white text looks on a background with the XYZ color 49.5458, 53.4060,

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

49.5458, 53.4060, 42.8190

Protanopia

50.3094, 53.4808, 42.3216

Deuteranopia

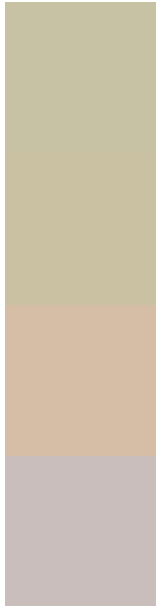
54.5660, 53.4006, 43.5078



Tritanopia

53.6646, 53.1156, 63.9238

Trichromacy



Original Color

49.5458, 53.4060, 42.8190

Protanomaly

50.0379, 53.3408, 42.3089

Deuteranomaly

52.7207, 53.4079, 43.1274

Tritanomaly

51.9559, 53.0576, 55.6469

Monochromacy



Original Color

49.5458, 53.4060, 42.8190

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0191, 53.1194, 51.8728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5458, 53.4060, 42.8190 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(199, 194, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 164)  
}
```

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(199, 194, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 164) }
```

Border

The CSS property to change the border of an element to XYZ 49.5458, 53.4060, 42.8190 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(199, 194, 164) }
```


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

```
.border{ border-color:rgb(199, 194, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5458, 53.4060, 42.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 164) }
```

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

```
.background{ background-color: rgb(199,  
194, 164) }
```

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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