

Converting Colors

XYZ(52.9805, 54.9280, 44.3692)

Have a look what the booklet for
XYZ(52.9805, 54.9280, 44.3692)
contains.

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Color

**XYZ(52.9090, 54.7788,
44.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C1A7
RGB	211, 193, 167
RGB Percent	83%, 76%, 65%
CMY	0.1725, 0.2431, 0.3451
CMYK	0.00, 0.09, 0.21, 0.17
HSL	35°, 33%, 74%
HSV	35°, 21%, 83%
XYZ	52.9090, 54.7788, 44.3440
YIQ	195.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

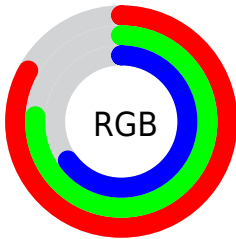
Format	Color
RYB	197, 211, 167
Decimal	13877671
CIELab	78.91, 2.20, 15.40
CIELCh	79, 15.552, 81.878
Yxy	54.7788, 0.3480, 0.3603
Android (android.graphics.Color)	4292067751 (0xFFD3C1A7)
YUV	195.4180, -14.0101, 13.6654
Hunter-Lab	74.0127, -1.9190, 16.2859

Details

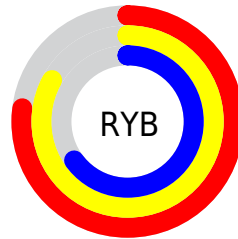
The XYZ color **52.9090, 54.7788, 44.3440** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0430, 47.6156, 68.4451**, and the grayscale version is **52.1953, 54.9136, 59.8009**.

A 20% lighter version of the original color is **88.3005, 94.2853, 82.6522**, and **26.1829, 27.0619, 20.0631** is the 20% darker color. If you saturate the color by 10%, you get **49.2634, 50.3583, 34.2777**, and if you desaturate by 10%, it is **56.9872, 59.5542, 56.1260**.

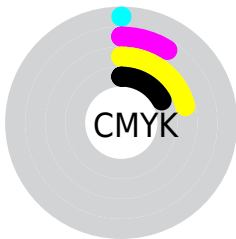
Distribution



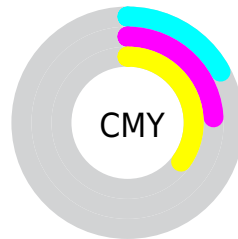
- Red (83%)
- Green (76%)
- Blue (65%)



- Red (77%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9090, 54.7788, 44.3440 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 52.9090, 54.7788, 44.3440 by changing the saturation by 10% instead.

■ 52.9090, 54.7788,
44.3440

■ 52.9090, 54.7788,
44.3440

388.2025,
405.0729, 380.1926

■ 37.9573, 39.2246,
30.6019

■ 93.6368, 97.2168,
83.0431

■ 26.1266, 26.9345,
20.0399

■ 120.1436,
124.8694, 108.8372

■ 17.0516, 17.5241,
12.2397

151.2328,
157.3237, 139.4856

■ 10.3668, 10.6088,
6.7826

187.2697,
194.9639, 175.4070

■ 5.7070, 5.8045,
3.2502

228.6199,
238.1746, 217.0198

■ 2.7067, 2.7265,
1.2237

275.6484,

■ 1.0006, 0.9907,

287.3400, 264.7427

0.0000

328.7209,
342.8447, 318.9941

■ 0.0000, 0.0000,
0.0000

■ 52.9090, 54.7788,
44.3440

■ 52.9090, 54.7788,
44.3440

■ 49.2634, 50.3583,
34.2777

■ 56.9872, 59.5542,
56.1260

■ 46.0286, 46.2755,
25.8417

■ 61.5098, 64.6865,
69.6965

■ 43.1876, 42.5222,
18.9487

■ 66.4936, 70.1873,
85.1282

■ 40.7200, 39.0871,
13.5015

■ 71.9530, 76.0650,
102.4890

■ 38.6034, 35.9580,
9.3920

■ 74.9541, 81.1489,
106.3205

■ 36.8122, 33.1214,
6.4963

■ 77.5014, 86.2434,
107.1696

■ 35.3166, 30.5617,
4.6673

■ 80.1704, 91.5814,
108.0593

■ 34.1601, 28.4408,
3.6892

■ 80.6742, 92.5890,
108.2272

Harmonies

Analogous

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



55.8180, 54.7788, 47.2418



52.9090, 54.7788, 44.3440



49.8841, 54.7788, 45.2148

Triad

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



52.9090, 54.7788, 44.3440



46.7475, 54.7788, 66.2088



56.8780, 54.7788, 70.7709

Complementary

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



52.9090, 54.7788, 44.3440



45.0430, 47.6156, 68.4451

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.



54.3098, 54.7788, 76.8583



52.9090, 54.7788, 44.3440



48.4853, 54.7788, 74.0483

Square

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



52.9090, 54.7788, 44.3440



46.4057, 54.7788, 57.2744



51.2312, 54.7788, 78.1135



58.1679, 54.7788, 62.0797

Rectangle

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



52.9090, 54.7788, 44.3440



48.2015, 54.7788, 47.8579



51.2312, 54.7788, 78.1135



56.1309, 54.7788, 73.2237

Sweetspot

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



52.9105, 54.7813, 44.3452



90.7197, 95.1256, 95.7843



49.4755, 45.0039, 52.1633



19.3202, 20.2499, 20.2096



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.



52.9105, 54.7813, 44.3452



78.6705, 81.0305, 60.9287



56.0952, 62.6925, 45.7043



12.3811, 12.9529, 12.4596



20.7185, 17.3700, 2.2608



1.2355, 1.1252, 0.1521

Inverse Universe

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



45.0430, 47.6156, 68.4451



64.4951, 68.1215, 104.3573



42.2994, 40.9619, 67.3055



11.5551, 12.2004, 14.9895



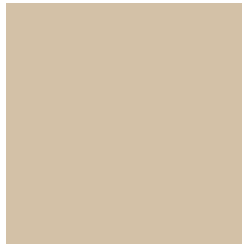
9.2138, 7.0742, 38.0723



0.5924, 0.5500, 2.1545

Previews

White Background



This preview shows how the XYZ color 52.9090, 54.7788, 44.3440 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 52.9090, 54.7788, 44.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

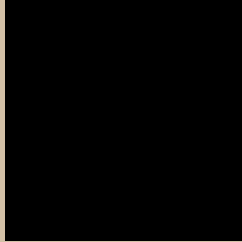
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9090, 54.7788, 44.3440

Background



This preview shows how black text looks on a background with the XYZ color 52.9090, 54.7788, 44.3440.



This preview shows how white text looks on a background with the XYZ color 52.9090, 54.7788,

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

52.9090, 54.7788, 44.3440

Protanopia

51.7598, 54.8365, 44.9023

Deuteranopia

55.7916, 54.6409, 44.6520



Tritanopia

57.0816, 54.8772, 64.0837

Trichromacy



Original Color

52.9090, 54.7788, 44.3440

Protanomaly

52.0918, 54.6761, 44.8538

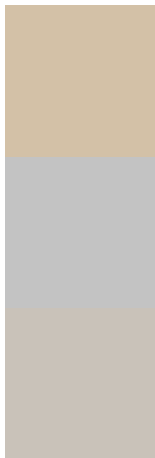
Deuteranomaly

54.6948, 54.7141, 44.7239

Tritanomaly

55.4393, 54.8408, 56.3786

Monochromacy



Original Color

52.9090, 54.7788, 44.3440

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1361, 54.5039, 53.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9090, 54.7788, 44.3440 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, 193, 167) looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 167)  
}
```

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, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 167) }
```

Border

The CSS property to change the border of an element to XYZ 52.9090, 54.7788, 44.3440 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, 193, 167) }
```


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

```
.border{ border-color:rgb(211, 193, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 193, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9090, 54.7788, 44.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 167) }
```

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

```
.background{ background-color: rgb(211,  
193, 167) }
```

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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