

Converting Colors

XYZ(52.5448, 54.6332, 42.4262)

Have a look what the booklet for
XYZ(52.5448, 54.6332, 42.4262)
contains.

XYZ(52.5448, 54.6332, 42.4262)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.5448, 54.6332,
42.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C1A3
RGB	211, 193, 163
RGB Percent	83%, 76%, 64%
CMY	0.1725, 0.2431, 0.3608
CMYK	0.00, 0.09, 0.23, 0.17
HSL	38°, 35%, 73%
HSV	38°, 23%, 83%
XYZ	52.5448, 54.6332, 42.4262
YIQ	194.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

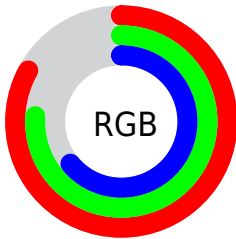
Format	Color
RYB	192, 211, 163
Decimal	13877667
CIELab	78.83, 1.61, 17.42
CIELCh	79, 17.495, 84.706
Yxy	54.6332, 0.3512, 0.3652
Android (android.graphics.Color)	4292067747 (0xFFD3C1A3)
YUV	194.9620, -15.7573, 14.0653
Hunter-Lab	73.9143, -2.4564, 17.7080

Details

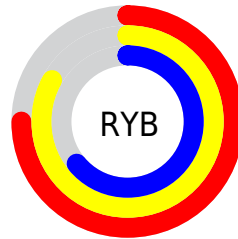
The XYZ color **52.5448, 54.6332, 42.4262** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.3857, 45.5362, 68.1310**, and the grayscale version is **51.9328, 54.6373, 59.5000**.

A 20% lighter version of the original color is **87.7706, 94.0733, 79.8616**, and **25.9576, 26.9718, 18.8769** is the 20% darker color. If you saturate the color by 10%, you get **49.1080, 50.5366, 32.7187**, and if you desaturate by 10%, it is **56.3935, 59.0480, 53.8284**.

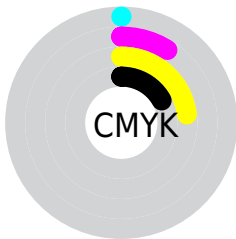
Distribution



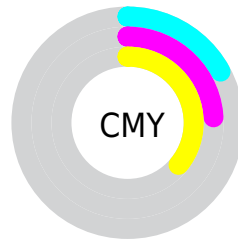
- Red (83%)
- Green (76%)
- Blue (64%)



- Red (75%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (23%)
- Black (17%)




- Cyan (17%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5448, 54.6332, 42.4262 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 52.5448, 54.6332, 42.4262 by changing the saturation by 10% instead.


 52.5448, 54.6332,
42.4262


 52.5448, 54.6332,
42.4262


386.8258,
404.5200, 372.0983

 37.6655, 39.1081,
29.1071


 93.1037, 97.0033,
80.1213

 25.8992, 26.8439,
18.9156


 119.5140,
124.6172, 105.3344

 16.8806, 17.4560,
11.4331

150.4987,
157.0294, 135.3492

 10.2441, 10.5601,
6.2411

186.4232,
194.6244, 170.5843

 5.6246, 5.7719,
2.9211

227.6528,
237.7866, 211.4582

 2.6567, 2.7069,
1.0545

274.5528,

 0.9749, 0.9807,

286.9003, 258.3895

0.0000

327.4887,
342.3500, 311.7967

■ 0.0000, 0.0000,
0.0000

■ 52.5448, 54.6332,
42.4262

■ 52.5448, 54.6332,
42.4262

■ 49.1080, 50.5366,
32.7187

■ 56.3935, 59.0480,
53.8284

■ 46.0617, 46.7417,
24.6198

■ 60.6658, 63.7823,
66.9991

■ 43.3889, 43.2412,
18.0405

■ 65.3781, 68.8467,
82.0117

■ 41.0694, 40.0246,
12.8822

■ 70.5447, 74.2492,
98.9345

■ 39.0807, 37.0804,
9.0343

■ 73.9280, 79.0968,
105.9785

■ 37.3972, 34.3957,
6.3694

■ 76.2122, 83.6653,
106.7399

■ 35.9882, 31.9558,
4.7346

■ 78.5981, 88.4370,
107.5352

■ 35.1012, 30.3231,
4.0029

■ 80.6741, 92.5889,
108.2272

Harmonies

Analogous

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



55.8756, 54.6332, 45.2221



52.5448, 54.6332, 42.4262



49.1899, 54.6332, 43.7705

Triad

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



52.5448, 54.6332, 42.4262



46.1025, 54.6332, 67.8298



57.5616, 54.6332, 71.2151

Complementary

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



52.5448, 54.6332, 42.4262



43.3857, 45.5362, 68.1310

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.



54.7642, 54.6332, 78.5747



52.5448, 54.6332, 42.4262



48.1694, 54.6332, 76.4728

Square

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



52.5448, 54.6332, 42.4262



45.5670, 54.6332, 57.7419



51.3145, 54.6332, 80.5980



58.8533, 54.6332, 61.2655

Rectangle

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



52.5448, 54.6332, 42.4262



47.3766, 54.6332, 46.9207



51.3145, 54.6332, 80.5980



56.7603, 54.6332, 74.1160

Sweetspot

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



52.5462, 54.6357, 42.4273



90.2102, 94.7075, 93.7615



48.3433, 43.3966, 49.7606



19.2227, 20.1762, 19.8035



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.



52.5462, 54.6357, 42.4273



78.1902, 80.9542, 58.0427



55.1928, 62.2693, 43.7613



12.4155, 13.0217, 12.4711



21.2847, 18.5025, 2.4495



1.2650, 1.1843, 0.1619

Inverse Universe

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



43.3857, 45.5362, 68.1310



61.8702, 64.7460, 103.8441



41.1322, 39.2891, 67.0439



11.5216, 12.1335, 14.9784



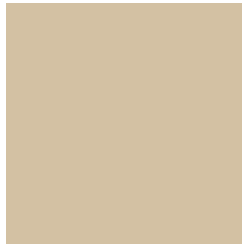
8.8787, 6.4041, 37.9606



0.5718, 0.5088, 2.1476

Previews

White Background



This preview shows how the XYZ color 52.5448, 54.6332, 42.4262 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 52.5448, 54.6332, 42.4262 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 52.5448, 54.6332, 42.4262

Background



This preview shows how black text looks on a background with the XYZ color 52.5448, 54.6332, 42.4262.



This preview shows how white text looks on a background with the XYZ color 52.5448, 54.6332,

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

52.5448, 54.6332, 42.4262

Protanopia

51.6695, 54.8324, 42.9824

Deuteranopia

55.7354, 54.6543, 42.7337



Tritanopia

56.7499, 54.4038, 63.3871

Trichromacy



Original Color

52.5448, 54.6332, 42.4262

Protanomaly

52.0051, 54.6738, 42.9341

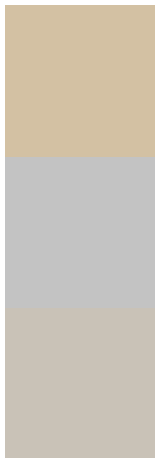
Deuteranomaly

54.6295, 54.7229, 42.8052

Tritanomaly

55.0063, 54.3222, 55.1630

Monochromacy



Original Color

52.5448, 54.6332, 42.4262

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9264, 54.4200, 52.5670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5448, 54.6332, 42.4262 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 163) }
```

Border

The CSS property to change the border of an element to XYZ 52.5448, 54.6332, 42.4262 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, 163) }
```


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

```
.border{ border-color:rgb(211, 193, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 163);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5448, 54.6332, 42.4262 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, 163) }
```

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

```
.background{ background-color: rgb(211,  
193, 163) }
```

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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