

Converting Colors

XYZ(44.3345, 50.4067, 25.3877)

Have a look what the booklet for
XYZ(44.3345, 50.4067, 25.3877)
contains.

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Color

**XYZ(44.2931, 50.4172,
25.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C079
RGB	193, 192, 121
RGB Percent	76%, 75%, 47%
CMY	0.2431, 0.2470, 0.5255
CMYK	0.00, 0.01, 0.37, 0.24
HSL	59°, 37%, 62%
HSV	59°, 37%, 76%
XYZ	44.2931, 50.4172, 25.4862
YIQ	184.2050, 23.3870, -21.8690

Conversions

Conversions Part 2

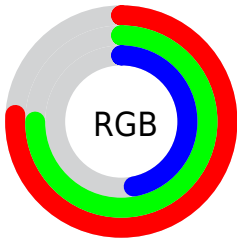
Format	Color
RYB	122, 193, 121
Decimal	12697721
CIELab	76.32, -10.30, 35.92
CIELCh	76, 37.372, 106.005
Yxy	50.4172, 0.3685, 0.4195
Android (android.graphics.Color)	4290887801 (0xFFC1C079)
YUV	184.2050, -31.1601, 7.7132
Hunter-Lab	71.0051, -12.9102, 28.4223

Details

The XYZ color **44.2931, 50.4172, 25.4862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.4702, 21.8336, 53.3765**, and the grayscale version is **45.8322, 48.2190, 52.5105**.

A 20% lighter version of the original color is **80.6317, 90.5148, 53.2658**, and **20.8512, 24.3234, 9.5572** is the 20% darker color. If you saturate the color by 10%, you get **43.1681, 49.8754, 19.8448**, and if you desaturate by 10%, it is **45.6576, 51.0585, 32.3768**.

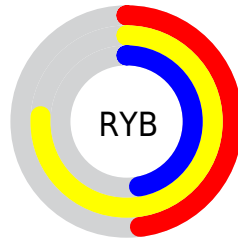
Distribution



Red (76%)

Green (75%)

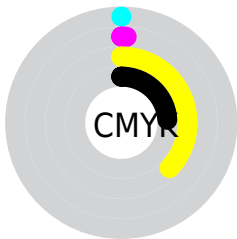
Blue (47%)



Red (48%)

Yellow (76%)

Blue (47%)

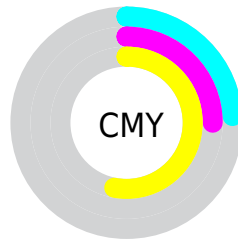


Cyan (0%)

Magenta (1%)

Yellow (37%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2931, 50.4172, 25.4862 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 44.2931, 50.4172, 25.4862 by changing the saturation by 10% instead.

■ 44.2931, 50.4172,
25.4862

■ 44.2931, 50.4172,
25.4862

354.7350,
388.2952, 293.7755

■ 31.0999, 35.7450,
16.2174

■ 80.9022, 90.7927,
53.4188

■ 20.8271, 24.2373,
9.5221

■ 105.0489,
117.2648, 72.9195

■ 13.1094, 15.5098,
4.9818

■ 133.5773,
148.4390, 96.6681

■ 7.5815, 9.1779,
2.1780

166.8530,
184.6997, 125.0828

■ 3.8779, 4.8574,
0.6617

205.2413,
226.4313, 158.5824

■ 1.6333, 2.1638,
0.0000

249.1075,

■ 0.4139, 0.7002,

274.0181, 197.5854

0.0000

298.8170,
327.8446, 242.5102

■ 0.0000, 0.0000,
0.0000

■ 44.2931, 50.4172,
25.4862

■ 44.2931, 50.4172,
25.4862

■ 43.1681, 49.8754,
19.8448

■ 45.6576, 51.0585,
32.3768

■ 42.2645, 49.4205,
15.3747

■ 47.2707, 51.7977,
40.5821

■ 41.5679, 49.0487,
11.9941


■ 49.1459, 52.6419,
50.1666


■ 41.0606, 48.7527,
9.6095


■ 51.2944, 53.5956,
61.1899


■ 40.7218, 48.5242,
8.1117


■ 53.7269, 54.6630,
73.7079


 40.5222, 48.3516,
7.3464

 56.4534, 55.8482,
87.7736

 40.4781, 48.3090,
7.1912

 59.3054, 57.0838,
102.5003

 59.3648, 57.2025,
102.5201

 59.4242, 57.3214,
102.5399

Harmonies

Analogous

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



51.2596, 50.4172, 25.2762



44.2931, 50.4172, 25.4862



38.8490, 50.4172, 32.1809

Triad

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



44.2931, 50.4172, 25.4862



39.1410, 50.4172, 87.6741



62.2500, 50.4172, 64.7871

Complementary

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



44.2931, 50.4172, 25.4862



24.4702, 21.8336, 53.3765

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.



58.3034, 50.4172, 86.3698



44.2931, 50.4172, 25.4862



44.7287, 50.4172, 101.6089

Square

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



44.2931, 50.4172, 25.4862



36.0789, 50.4172, 66.2617



51.7398, 50.4172, 101.0804



62.1041, 50.4172, 44.9101

Rectangle

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



44.2931, 50.4172, 25.4862



36.6140, 50.4172, 40.6259



51.7398, 50.4172, 101.0804



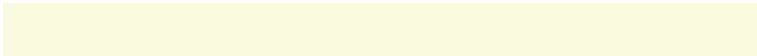
61.3425, 50.4172, 72.1679

Sweetspot

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



44.2943, 50.4195, 25.4873



86.6652, 93.6750, 82.9097



32.3553, 26.4229, 21.8729



18.4936, 20.0519, 17.2810



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.2943, 50.4195, 25.4873



77.6099, 89.4725, 37.0141



36.6613, 46.8098, 25.1928



10.9011, 11.7337, 10.7522



26.9280, 32.1417, 4.7847



1.1674, 1.3965, 0.2080

Inverse Universe

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



24.4702, 21.8336, 53.3765



36.8617, 30.7167, 94.3464



30.1351, 24.5736, 53.6068



9.5392, 9.7698, 12.6678



6.4263, 2.6091, 33.7215



0.2816, 0.1206, 1.4583

Previews

White Background



This preview shows how the XYZ color 44.2931, 50.4172, 25.4862 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 44.2931, 50.4172, 25.4862 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 44.2931, 50.4172, 25.4862

Background



This preview shows how black text looks on a background with the XYZ color 44.2931, 50.4172, 25.4862.



This preview shows how white text looks on a background with the XYZ color 44.2931, 50.4172,

25.4862.

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

44.2931, 50.4172, 25.4862

Protanopia

46.4898, 50.2775, 24.7070

Deuteranopia

51.3234, 50.2665, 26.0662



Tritanopia

51.3687, 50.4547, 59.8546

Trichromacy



Original Color

44.2931, 50.4172, 25.4862

Protanomaly

45.6752, 50.1688, 25.0455

Deuteranomaly

48.4472, 50.0072, 25.8378

Tritanomaly

48.2735, 50.1245, 44.6668

Monochromacy



Original Color

44.2931, 50.4172, 25.4862

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.6969, 48.6787, 40.7584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2931, 50.4172, 25.4862 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(193, 192, 121)` looks like.

```
.text, #text, p{  
    color:rgb(193, 192, 121)  
}
```

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(193, 192, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 192, 121) }
```

Border

The CSS property to change the border of an element to XYZ 44.2931, 50.4172, 25.4862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

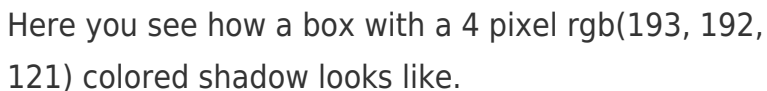
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 192, 121) }
```


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

```
.border{ border-color:rgb(193, 192, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 192, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 192, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 192, 121); box-shadow:4px 4px 4px 4px rgb(193, 192, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2931, 50.4172, 25.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 192, 121) }
```

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

```
.background{ background-color: rgb(193,  
192, 121) }
```

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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