

Converting Colors

XYZ(44.2571, 50.1426, 23.4906)

Have a look what the booklet for
XYZ(44.2571, 50.1426, 23.4906)
contains.

XYZ(44.2310, 50.1015, 23.5590)	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(44.2310, 50.1015,
23.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BF73
RGB	195, 191, 115
RGB Percent	76%, 75%, 45%
CMY	0.2353, 0.2510, 0.5490
CMYK	0.00, 0.02, 0.41, 0.24
HSL	57°, 40%, 61%
HSV	57°, 41%, 76%
XYZ	44.2310, 50.1015, 23.5590
YIQ	183.5320, 26.7800, -22.7880

Conversions

Conversions Part 2

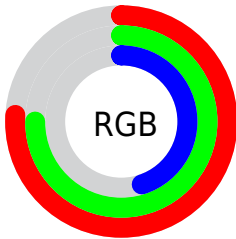
Format	Color
RYB	119, 195, 115
Decimal	12828531
CIELab	76.13, -9.65, 38.78
CIELCh	76, 39.962, 103.979
Yxy	50.1015, 0.3752, 0.4250
Android (android.graphics.Color)	4291018611 (0xFFC3BF73)
YUV	183.5320, -33.7863, 10.0574
Hunter-Lab	70.7824, -12.3269, 29.8138

Details

The XYZ color **44.2310, 50.1015, 23.5590** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.5173, 20.7781, 54.4008**, and the grayscale version is **45.4729, 47.8410, 52.0989**.

A 20% lighter version of the original color is **80.8367, 90.2313, 50.2016**, and **20.8578, 24.1341, 8.5600** is the 20% darker color. If you saturate the color by 10%, you get **43.0144, 49.2780, 18.1911**, and if you desaturate by 10%, it is **45.6889, 51.0274, 30.1796**.

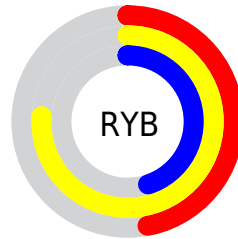
Distribution



Red (76%)

Green (75%)

Blue (45%)



Red (47%)

Yellow (76%)

Blue (45%)

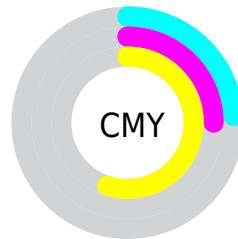


Cyan (0%)

Magenta (2%)

Yellow (41%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2310, 50.1015, 23.5590 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 44.2310, 50.1015, 23.5590 by changing the saturation by 10% instead.

■ 44.2310, 50.1015,
23.5590

■ 44.2310, 50.1015,
23.5590

354.4864,
387.0627, 283.7977

■ 31.0508, 35.4941,
14.7976

■ 80.8094, 90.3252,
50.2444

■ 20.7896, 24.0437,
8.5324

■ 104.9384,
116.7103, 69.0054

■ 13.0819, 15.3660,
4.3449

■ 133.4477,
147.7901, 91.9369

■ 7.5623, 9.0767,
1.8164

166.7027,
183.9489, 119.4571

■ 3.8656, 4.7912,
0.4387

205.0687,
225.5712, 151.9848

■ 1.6264, 2.1253,
0.0000

248.9111,

■ 0.4095, 0.6788,

273.0413, 189.9384

0.0000

298.5952,
326.7437, 233.7365

■ 0.0000, 0.0000,
0.0000

■ 44.2310, 50.1015,
23.5590

■ 44.2310, 50.1015,
23.5590

■ 43.0144, 49.2780,
18.1911

■ 45.6889, 51.0274,
30.1796

■ 42.0202, 48.5439,
13.9931

■ 47.3981, 52.0543,
38.1222

■ 41.2330, 47.8948,
10.8775


■ 49.3726, 53.1895,
47.4548


■ 40.6333, 47.3230,
8.7431


■ 51.6243, 54.4380,
58.2401


■ 40.1984, 46.8194,
7.4695


■ 54.1643, 55.8040,
70.5365

 39.9095, 46.4098,
6.8545

 57.0032, 57.2918,
84.3996

 60.1509, 58.9055,
99.8820

 60.9320, 59.5748,
102.8954

 61.1565, 60.0238,
102.9702

Harmonies

Analogous

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



51.6989, 50.1015, 23.7767



44.2310, 50.1015, 23.5590



38.3186, 50.1015, 29.9645

Triad

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



44.2310, 50.1015, 23.5590



38.0060, 50.1015, 88.4268



62.8173, 50.1015, 66.7226

Complementary

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



44.2310, 50.1015, 23.5590



23.5173, 20.7781, 54.4008

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.



58.3164, 50.1015, 89.8667



44.2310, 50.1015, 23.5590



43.7614, 50.1015, 104.4653

Square

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



44.2310, 50.1015, 23.5590



34.9875, 50.1015, 65.1142



51.1778, 50.1015, 105.0522



62.9770, 50.1015, 45.1986

Rectangle

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



44.2310, 50.1015, 23.5590



35.8342, 50.1015, 38.4097



51.1778, 50.1015, 105.0522



61.7423, 50.1015, 74.6814

Sweetspot

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



44.2322, 50.1038, 23.5600



87.9914, 95.0170, 82.9194



31.9666, 25.1960, 20.6319



19.1614, 20.7465, 17.6467



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.



44.2322, 50.1038, 23.5600



77.2927, 88.4355, 33.6777



36.9080, 47.6391, 23.4703



10.8689, 11.6693, 10.7414



25.9579, 30.2015, 4.4613



1.1350, 1.3318, 0.1972

Inverse Universe

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



23.5173, 20.7781, 54.4008



35.3111, 29.0119, 96.2085



28.7440, 22.7815, 54.5120



9.5678, 9.8269, 12.6773



6.4893, 2.7350, 33.7425



0.2946, 0.1466, 1.4626

Previews

White Background



This preview shows how the XYZ color 44.2310, 50.1015, 23.5590 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 44.2310, 50.1015, 23.5590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

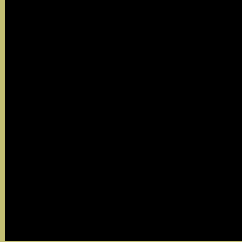
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2310, 50.1015, 23.5590

Background



This preview shows how black text looks on a background with the XYZ color 44.2310, 50.1015, 23.5590.



This preview shows how white text looks on a background with the XYZ color 44.2310, 50.1015,

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

44.2310, 50.1015, 23.5590

Protanopia

46.1973, 50.1605, 23.1667

Deuteranopia

51.0687, 49.8791, 24.0756



Tritanopia

51.3895, 49.8706, 59.1420

Trichromacy



Original Color

44.2310, 50.1015, 23.5590

Protanomaly

45.3223, 50.0276, 23.1871

Deuteranomaly

48.1687, 49.5984, 23.8643

Tritanomaly

48.4114, 49.9055, 43.6404

Monochromacy



Original Color

44.2310, 50.1015, 23.5590

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7674, 48.7352, 39.8482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2310, 50.1015, 23.5590 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(195, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 115)  
}
```

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(195, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 115) }
```

Border

The CSS property to change the border of an element to XYZ 44.2310, 50.1015, 23.5590 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(195, 191, 115) }
```


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

```
.border{ border-color:rgb(195, 191, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 191, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(195, 191,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2310, 50.1015, 23.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 115) }
```

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

```
.background{ background-color: rgb(195,  
191, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor