

Converting Colors

XYZ(43.8681, 49.6016, 22.1701)

Have a look what the booklet for
XYZ(43.8681, 49.6016, 22.1701)
contains.

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Color

**XYZ(43.7884, 49.5767,
22.3003)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BE6F
RGB	195, 190, 111
RGB Percent	76%, 75%, 44%
CMY	0.2353, 0.2549, 0.5647
CMYK	0.00, 0.03, 0.43, 0.24
HSL	56°, 41%, 60%
HSV	56°, 43%, 76%
XYZ	43.7884, 49.5767, 22.3003
YIQ	182.4890, 28.3390, -23.5090

Conversions

Conversions Part 2

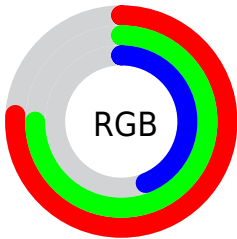
Format	Color
RYB	116, 195, 111
Decimal	12828271
CIELab	75.81, -9.56, 40.40
CIELCh	76, 41.515, 103.311
Yxy	49.5767, 0.3786, 0.4286
Android (android.graphics.Color)	4291018351 (0xFFC3BE6F)
YUV	182.4890, -35.2441, 10.9721
Hunter-Lab	70.4107, -12.2097, 30.5093

Details

The XYZ color **43.7884, 49.5767, 22.3003** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.6512, 19.8099, 54.2596**, and the grayscale version is **44.9069, 47.2455, 51.4504**.

A 20% lighter version of the original color is **80.1646, 89.4745, 48.1671**, and **20.6032, 23.8037, 7.9235** is the 20% darker color. If you saturate the color by 10%, you get **42.5801, 48.6949, 17.1664**, and if you desaturate by 10%, it is **45.2355, 50.5608, 28.6713**.

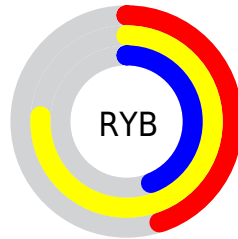
Distribution



Red (76%)

Green (75%)

Blue (44%)



Red (45%)

Yellow (76%)

Blue (44%)

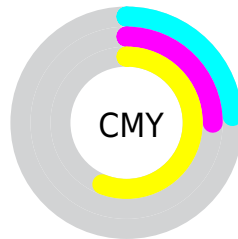


Cyan (0%)

Magenta (3%)

Yellow (43%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7884, 49.5767, 22.3003 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 43.7884, 49.5767, 22.3003 by changing the saturation by 10% instead.


 43.7884, 49.5767,
22.3003


 43.7884, 49.5767,
22.3003


352.7109,
385.0083, 277.1150

 30.7014, 35.0772,
13.8773


 80.1476, 89.5474,
48.1504


 20.5223, 23.7223,
7.8976


 104.1504,
115.7873, 66.4145

 12.8857, 15.1278,
3.9427

 132.5226,
146.7095, 88.7961

 7.4264, 8.9091,
1.5939

 165.6295,
182.6984, 115.7137

 3.7788, 4.6819,
0.2865

203.8364,
224.1383, 147.5859

 1.5778, 2.0619,
0.0000

247.5087,

 0.3779, 0.6431,

271.4136, 184.8311

0.0000

297.0117,
324.9088, 227.8680

■ 0.0000, 0.0000,
0.0000

■ 43.7884, 49.5767,
22.3003

■ 43.7884, 49.5767,
22.3003

■ 42.5801, 48.6949,
17.1664

■ 45.2355, 50.5608,
28.6713

■ 41.5917, 47.9024,
13.1853

■ 46.9318, 51.6460,
36.3502

■ 40.8069, 47.1946,
10.2672


■ 48.8915, 52.8398,
45.4061


■ 40.2060, 46.5635,
8.3076

■ 51.1265, 54.1469,
55.9022


■ 39.7652, 45.9996,
7.1809


■ 53.6483, 55.5719,
67.8979

 39.5227, 45.6361,
6.7256

 56.4673, 57.1191,
81.4494

 59.5938, 58.7926,
96.6098

 61.0440, 59.7987,
102.9327

 61.3123, 60.3353,
103.0221

Harmonies

Analogous

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



51.5096, 49.5767, 22.6616



43.7884, 49.5767, 22.3003



37.6626, 49.5767, 28.5984

Triad

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



43.7884, 49.5767, 22.3003



37.1329, 49.5767, 88.6714



62.8022, 49.5767, 67.1192

Complementary

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



43.7884, 49.5767, 22.3003



22.6512, 19.8099, 54.2596

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.



58.0439, 49.5767, 91.1585



43.7884, 49.5767, 22.3003



42.9894, 49.5767, 105.7413

Square

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



43.7884, 49.5767, 22.3003



34.1125, 49.5767, 64.3621



50.6189, 49.5767, 106.7588



63.0765, 49.5767, 44.7801

Rectangle

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



43.7884, 49.5767, 22.3003



35.0740, 49.5767, 37.0632



50.6189, 49.5767, 106.7588



61.6523, 49.5767, 75.3923

Sweetspot

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



43.7896, 49.5790, 22.3013



87.5183, 94.6088, 81.1032



31.3779, 24.2465, 19.7335



18.9838, 20.6094, 16.9150



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.



43.7896, 49.5790, 22.3013



76.3148, 87.2539, 30.9653



36.6036, 47.5082, 22.2804



10.8605, 11.6524, 10.7386



25.7097, 29.7052, 4.3786



1.1267, 1.3151, 0.1945

Inverse Universe

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



22.6512, 19.8099, 54.2596



33.3999, 26.8303, 95.8882



27.6397, 21.5497, 54.3325



9.5753, 9.8420, 12.6798



6.5059, 2.7683, 33.7480



0.2980, 0.1534, 1.4638

Previews

White Background



This preview shows how the XYZ color 43.7884, 49.5767, 22.3003 looks on a white background.

Color Contrast Check

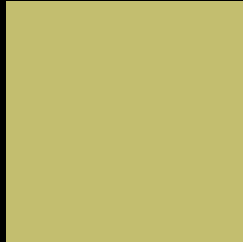
Large Text (above 18pt) WCAG AA × Fail

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 43.7884, 49.5767, 22.3003 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 43.7884, 49.5767, 22.3003

Background



This preview shows how black text looks on a background with the XYZ color 43.7884, 49.5767, 22.3003.



This preview shows how white text looks on a background with the XYZ color 43.7884, 49.5767,

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

43.7884, 49.5767, 22.3003

Protanopia

45.7616, 49.6456, 21.9225

Deuteranopia

50.3217, 49.2244, 22.7686



Tritanopia

50.9607, 49.3749, 57.8833

Trichromacy



Original Color

43.7884, 49.5767, 22.3003

Protanomaly

44.8851, 49.5097, 21.9425

Deuteranomaly

47.7329, 49.0952, 22.5833

Tritanomaly

47.9287, 49.3788, 42.1269

Monochromacy



Original Color

43.7884, 49.5767, 22.3003

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8432, 47.6630, 38.3416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7884, 49.5767, 22.3003 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, 190, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 111)  
}
```

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, 190, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 111) }
```

Border

The CSS property to change the border of an element to XYZ 43.7884, 49.5767, 22.3003 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, 190, 111) }
```


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

```
.border{ border-color:rgb(195, 190, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 111);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7884, 49.5767, 22.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 111) }
```

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

```
.background{ background-color: rgb(195,  
190, 111) }
```

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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