

Converting Colors

XYZ(43.3851, 44.8224, 20.0006)

Have a look what the booklet for
XYZ(43.3851, 44.8224, 20.0006)
contains.

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Color

**XYZ(43.3851, 44.8224,
20.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	CEAF6A
RGB	206, 175, 106
RGB Percent	81%, 69%, 42%
CMY	0.1922, 0.3137, 0.5843
CMYK	0.00, 0.15, 0.49, 0.19
HSL	41°, 51%, 61%
HSV	41°, 49%, 81%
XYZ	43.3851, 44.8224, 20.0006
YIQ	176.4030, 40.6250, -14.8870

Conversions

Conversions Part 2

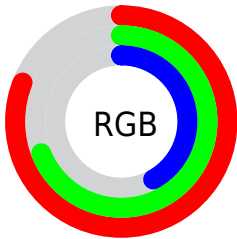
Format	Color
RYB	151, 206, 106
Decimal	13545322
CIELab	72.77, 2.33, 39.37
CIELCh	73, 39.438, 86.614
Yxy	44.8224, 0.4009, 0.4142
Android (android.graphics.Color)	4291735402 (0xFFCEAF6A)
YUV	176.4030, -34.7087, 25.9566
Hunter-Lab	66.9495, -1.4889, 29.1523

Details

The XYZ color **43.3851, 44.8224, 20.0006** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.0297, 25.4107, 61.9252**, and the grayscale version is **41.6391, 43.8076, 47.7064**.

A 20% lighter version of the original color is **75.7084, 80.3223, 43.8612**, and **20.3992, 20.9454, 6.8386** is the 20% darker color. If you saturate the color by 10%, you get **41.2267, 42.0190, 14.6159**, and if you desaturate by 10%, it is **45.8618, 47.8505, 26.7618**.

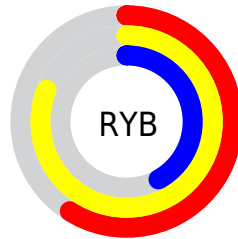
Distribution



Red (81%)

Green (69%)

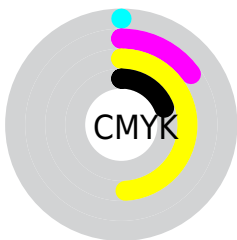
Blue (42%)



Red (59%)

Yellow (81%)

Blue (42%)

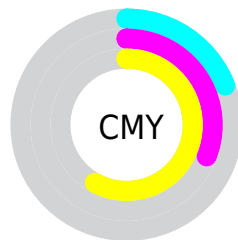


Cyan (0%)

Magenta (15%)

Yellow (49%)

Black (19%)



Cyan (19%)

Magenta (31%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3851, 44.8224, 20.0006 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 43.3851, 44.8224, 20.0006 by changing the saturation by 10% instead.


 43.3851, 44.8224,
20.0006

 43.3851, 44.8224,
20.0006


351.0878,
366.0538, 264.5227


 30.3832, 31.3176,
12.2114


 79.5438, 82.4538,
44.2772


 20.2792, 20.8408,
6.7635


 103.4313,
107.3492, 61.6016

 12.7076, 13.0077,
3.2385


 131.6780,
136.8103, 82.9416

 7.3031, 7.4338,
1.2176

 164.6493,
171.2213, 108.7156

 3.7004, 3.7349,
0.0000

202.7106,
210.9668, 139.3421

 1.5341, 1.5264,
0.0000

246.2272,

 0.3488, 0.3072,

256.4311, 175.2398

0.0000

295.5645,
307.9987, 216.8272

0.0000, 0.0000,
0.0000

43.3851, 44.8224,
20.0006

43.3851, 44.8224,
20.0006

41.2267, 42.0190,
14.6159

45.8618, 47.8505,
26.7618

39.3638, 39.4249,
10.5061

48.6711, 51.1053,
34.9860

37.7754, 37.0320,
7.5597


51.8304, 54.5965,
44.7555


36.4356, 34.8287,
5.6448


55.3548, 58.3316,
56.1460


35.3046, 32.7976,
4.5560


59.2583, 62.3171,
69.2280

 35.1489, 32.5125,
4.4230

 63.5542, 66.5598,
84.0677

 68.2551, 71.0657,
100.7281

 70.7230, 74.7807,
105.3144

 72.4926, 78.3199,
105.9042

Harmonies

Analogous

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



50.2698, 44.8224, 23.5951



43.3851, 44.8224, 20.0006



36.9696, 44.8224, 22.2490

Triad

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



43.3851, 44.8224, 20.0006



31.8773, 44.8224, 67.7299



54.5749, 44.8224, 72.6459

Complementary

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



43.3851, 44.8224, 20.0006



26.0297, 25.4107, 61.9252

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.



48.7800, 44.8224, 90.8985



43.3851, 44.8224, 20.0006



35.7571, 44.8224, 87.5671

Square

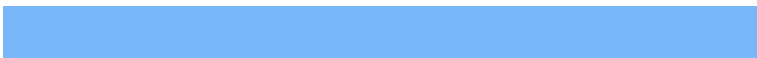
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3851, 44.8224, 20.0006



30.7593, 44.8224, 46.6096



41.8291, 44.8224, 96.9806



57.1513, 44.8224, 51.0662

Rectangle

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



43.3851, 44.8224, 20.0006



33.7284, 44.8224, 27.2061



41.8291, 44.8224, 96.9806



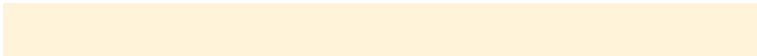
52.9104, 44.8224, 79.5751

Sweetspot

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



43.3862, 44.8245, 20.0015



85.8257, 90.4444, 78.4093



35.1712, 25.2556, 26.9400



18.1169, 19.0873, 15.9730



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.



43.3862, 44.8245, 20.0015



66.7385, 68.0024, 23.5458



45.3299, 55.8322, 22.0238



11.8491, 12.4871, 11.8652



21.7333, 20.1996, 2.7534



1.1868, 1.1732, 0.1639

Inverse Universe

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



26.0297, 25.4107, 61.9252



35.5071, 33.1153, 99.1282



24.6554, 19.0748, 60.7747



10.8807, 11.4018, 14.1977



8.0603, 5.1445, 36.5244



0.4836, 0.4010, 1.9069

Previews

White Background



This preview shows how the XYZ color 43.3851, 44.8224, 20.0006 looks on a white background.

Color Contrast Check

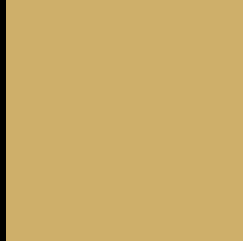
Large Text (above 18pt) WCAG AA × Fail

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 43.3851, 44.8224, 20.0006 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 43.3851, 44.8224, 20.0006

Background



This preview shows how black text looks on a background with the XYZ color 43.3851, 44.8224, 20.0006.



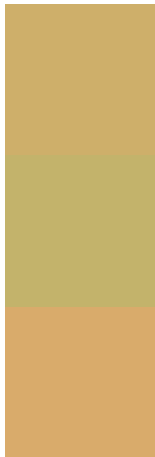
This preview shows how white text looks on a background with the XYZ color 43.3851, 44.8224,

20.0006.

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

43.3851, 44.8224, 20.0006

Protanopia

41.2796, 44.9038, 20.4016

Deuteranopia

45.8320, 44.9391, 20.1684



Tritanopia

49.2135, 44.6732, 48.6768

Trichromacy



Original Color

43.3851, 44.8224, 20.0006

Protanomaly

42.1274, 45.0444, 20.3840

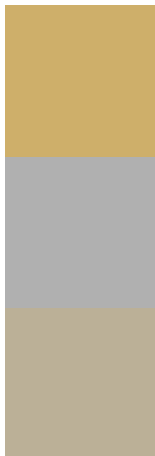
Deuteranomaly

44.8469, 44.7127, 20.1766

Tritanomaly

46.4338, 44.3446, 35.8178

Monochromacy



Original Color

43.3851, 44.8224, 20.0006

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6048, 43.8498, 35.5492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3851, 44.8224, 20.0006 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(206, 175, 106)` looks like.

```
.text, #text, p{  
    color:rgb(206, 175, 106)  
}
```

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(206, 175, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 175, 106) }
```

Border

The CSS property to change the border of an element to XYZ 43.3851, 44.8224, 20.0006 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(206, 175, 106) }
```


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

```
.border{ border-color:rgb(206, 175, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 175, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 175, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 175, 106);  
box-shadow:4px 4px 4px 4px rgb(206, 175,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3851, 44.8224, 20.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 175, 106) }
```

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

```
.background{ background-color: rgb(206,  
175, 106) }
```

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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