

Converting Colors

XYZ(43.5493, 44.7223, 18.2273)

Have a look what the booklet for
XYZ(43.5493, 44.7223, 18.2273)
contains.

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Color

**XYZ(43.4006, 44.5829,
18.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AE63
RGB	208, 174, 99
RGB Percent	82%, 68%, 39%
CMY	0.1843, 0.3176, 0.6118
CMYK	0.00, 0.16, 0.52, 0.18
HSL	41°, 54%, 60%
HSV	41°, 52%, 82%
XYZ	43.4006, 44.5829, 18.1223
YIQ	175.6160, 44.3390, -16.1170

Conversions

Conversions Part 2

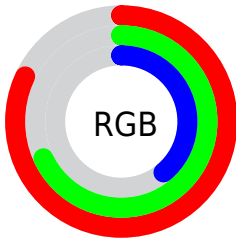
Format	Color
RYB	148, 208, 99
Decimal	13676131
CIELab	72.62, 3.06, 42.77
CIELCh	73, 42.882, 85.911
Yxy	44.5829, 0.4090, 0.4202
Android (android.graphics.Color)	4291866211 (0xFFD0AE63)
YUV	175.6160, -37.7717, 28.4008
Hunter-Lab	66.7704, -0.8237, 30.6473

Details

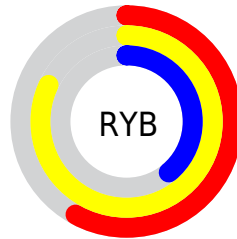
The XYZ color **43.4006, 44.5829, 18.1223** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.9179, 23.9808, 62.9896**, and the grayscale version is **41.2420, 43.3898, 47.2515**.

A 20% lighter version of the original color is **74.8452, 79.5330, 40.6848**, and **20.2764, 20.7201, 5.8364** is the 20% darker color. If you saturate the color by 10%, you get **41.3086, 41.7906, 13.1350**, and if you desaturate by 10%, it is **45.8114, 47.6029, 24.4802**.

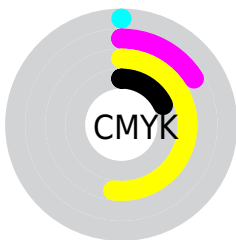
Distribution



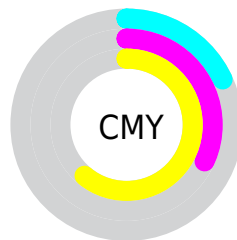
- Red (82%)
- Green (68%)
- Blue (39%)



- Red (58%)
- Yellow (82%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (52%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4006, 44.5829, 18.1223 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 43.4006, 44.5829, 18.1223 by changing the saturation by 10% instead.


 43.4006, 44.5829,
18.1223

 43.4006, 44.5829,
18.1223


351.1503,
365.0817, 253.8187


 30.3954, 31.1290,
10.8675


 79.5670, 82.0942,
41.0624

 20.2885, 20.6971,
5.8647


 103.4589,
106.9203, 57.5847

 12.7144, 12.9028,
2.6956


 131.7105,
136.3060, 78.0332

 7.3078, 7.3616,
0.9412

 164.6870,
170.6357, 102.8266

 3.7034, 3.6893,
0.0000

202.7539,
210.2937, 132.3833

 1.5357, 1.5013,
0.0000

246.2766,

 0.3500, 0.2897,

255.6644, 167.1218

0.0000

295.6202,
307.1323, 207.4608

■ 0.0000, 0.0000,
0.0000

■ 43.4006, 44.5829,
18.1223

■ 43.4006, 44.5829,
18.1223

■ 41.3086, 41.7906,
13.1350

■ 45.8114, 47.6029,
24.4802

■ 39.5113, 39.2100,
9.4096

■ 48.5565, 50.8531,
32.3008

■ 37.9857, 36.8323,
6.8250

■ 51.6542, 54.3439,
41.6714

■ 36.7033, 34.6445,
5.2351

■ 55.1203, 58.0828,
52.6715

■ 35.8541, 33.0935,
4.4980

■ 58.9696, 62.0769,
65.3752

■ 63.2161, 66.3331,
79.8520

■ 67.8729, 70.8579,
96.1675

■ 71.2320, 74.9693,
105.3239

■ 73.0285, 78.5623,
105.9228

Harmonies

Analogous

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



50.8877, 44.5829, 21.9517



43.4006, 44.5829, 18.1223



36.4393, 44.5829, 20.2789

Triad

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



43.4006, 44.5829, 18.1223



30.7903, 44.5829, 68.6836



55.3271, 44.5829, 75.2447

Complementary

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



43.4006, 44.5829, 18.1223



24.9179, 23.9808, 62.9896

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.



48.9220, 44.5829, 95.3701



43.4006, 44.5829, 18.1223



34.8684, 44.5829, 90.8707

Square

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



43.4006, 44.5829, 18.1223



29.6739, 44.5829, 45.6865



41.3651, 44.5829, 101.7909



58.2638, 44.5829, 51.5166

Rectangle

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



43.4006, 44.5829, 18.1223



32.9283, 44.5829, 25.2965



41.3651, 44.5829, 101.7909



53.4743, 44.5829, 82.8970

Sweetspot

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



43.4017, 44.5850, 18.1232



85.2373, 89.7936, 76.5917



34.7439, 24.0417, 25.1877



17.9989, 18.9550, 15.6145



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.



43.4017, 44.5850, 18.1232



65.0828, 65.6878, 19.9210



45.5511, 56.7059, 20.3495



12.4794, 13.1496, 12.4924



22.4360, 20.8050, 2.8333



1.3235, 1.3014, 0.1814

Inverse Universe

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



24.9179, 23.9808, 62.9896



32.7441, 29.7023, 98.6151



23.4529, 17.3990, 61.7964



11.4602, 12.0107, 14.9579



8.3458, 5.3382, 37.7830



0.5372, 0.4396, 2.1361

Previews

White Background



This preview shows how the XYZ color 43.4006, 44.5829, 18.1223 looks on a white background.

Color Contrast Check

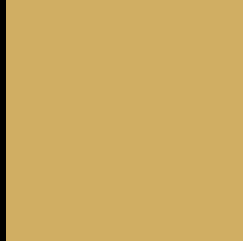
Large Text (above 18pt) WCAG AA × Fail

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 43.4006, 44.5829, 18.1223 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 43.4006, 44.5829, 18.1223

Background



This preview shows how black text looks on a background with the XYZ color 43.4006, 44.5829, 18.1223.



This preview shows how white text looks on a background with the XYZ color 43.4006, 44.5829,

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

43.4006, 44.5829, 18.1223

Protanopia

41.0343, 44.5161, 18.7417

Deuteranopia

45.5884, 44.5750, 18.2577



Tritanopia

49.5153, 44.5717, 48.1129

Trichromacy



Original Color

43.4006, 44.5829, 18.1223

Protanomaly

41.8418, 44.6437, 18.4684

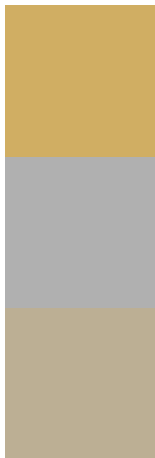
Deuteranomaly

44.5947, 44.3421, 18.2651

Tritanomaly

46.5788, 44.1722, 34.5049

Monochromacy



Original Color

43.4006, 44.5829, 18.1223

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4143, 43.4894, 34.2285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4006, 44.5829, 18.1223 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(208, 174, 99)` looks like.

```
.text, #text, p{  
    color:rgb(208, 174, 99)  
}
```

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(208, 174, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 174, 99) }
```

Border

The CSS property to change the border of an element to XYZ 43.4006, 44.5829, 18.1223 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(208, 174, 99) }
```


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

```
.border{ border-color:rgb(208, 174, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 174, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 174, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 174, 99);  
box-shadow:4px 4px 4px 4px rgb(208, 174,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4006, 44.5829, 18.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 174, 99) }
```

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

```
.background{ background-color: rgb(208,  
174, 99) }
```

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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