

Converting Colors

XYZ(43.8395, 39.9887, 16.4101)

Have a look what the booklet for
XYZ(43.8395, 39.9887, 16.4101)
contains.

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Color

**XYZ(43.8186, 39.9936,
16.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9C60
RGB	221, 156, 96
RGB Percent	87%, 61%, 38%
CMY	0.1333, 0.3882, 0.6235
CMYK	0.00, 0.29, 0.57, 0.13
HSL	29°, 65%, 62%
HSV	29°, 57%, 87%
XYZ	43.8186, 39.9936, 16.4764
YIQ	168.5950, 58.0000, -4.8800

Conversions

Conversions Part 2

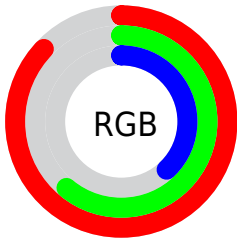
Format	Color
R_{YB}	221, 211, 96
Decimal	14523488
CIE Lab	69.46, 17.87, 40.78
CIE LCh	69, 44.522, 66.330
Yxy	39.9936, 0.4369, 0.3988
Android (android.graphics.Color)	4292713568 (0xFFDD9C60)
YUV	168.5950, -35.7893, 45.9592
Hunter-Lab	63.2405, 13.0097, 28.8212

Details

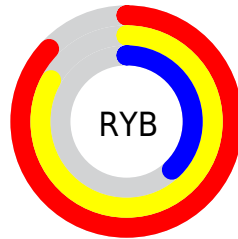
The XYZ color **43.8186, 39.9936, 16.4764** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.6193, 33.1956, 73.2000**, and the grayscale version is **37.6639, 39.6254, 43.1520**.

A 20% lighter version of the original color is **69.8796, 69.9866, 37.8427**, and **20.6689, 18.0949, 5.0926** is the 20% darker color. If you saturate the color by 10%, you get **41.1028, 35.9680, 11.2374**, and if you desaturate by 10%, it is **47.0047, 44.5024, 23.2837**.

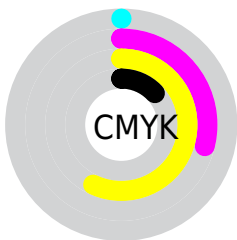
Distribution



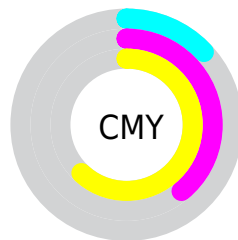
- Red (87%)
- Green (61%)
- Blue (38%)



- Red (87%)
- Yellow (83%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (13%)





- Cyan (13%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8186, 39.9936, 16.4764 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 43.8186, 39.9936, 16.4764 by changing the saturation by 10% instead.


 43.8186, 39.9936,
16.4764


 43.8186, 39.9936,
16.4764


352.8322,
346.0966, 244.0776


 30.7252, 27.5336,
9.7039


 80.1928, 75.1538,
38.2015


 20.5405, 17.9743,
5.1000


 104.2042, 98.6227,
53.9913

 12.8991, 10.9316,
2.2463


 132.5858,
126.5300, 73.6238

 7.4356, 6.0208,
0.7009

 165.7028,
159.2601, 97.5177

 3.7847, 2.8578,
0.0000

203.9206,
197.1975, 126.0915

 1.5811, 1.0579,
0.0000

247.6045,

 0.3800, 0.0000,

240.7264, 159.7637

0.0000

297.1200,
290.2313, 198.9529

■ 0.0000, 0.0000,
0.0000

■ 43.8186, 39.9936,
16.4764

■ 43.8186, 39.9936,
16.4764

■ 41.1028, 35.9680,
11.2374

■ 47.0047, 44.5024,
23.2837

■ 38.8248, 32.3998,
7.4330

■ 50.6849, 49.5069,
31.7735

■ 36.9515, 29.2689,
4.9103

■ 54.8846, 55.0263,
42.0517

■ 35.4408, 26.5496,
3.4750

■ 59.6262, 61.0768,
54.2149

■ 34.9819, 25.6985,
3.1166

■ 64.9308, 67.6737,
68.3527

■ 70.8183, 74.8317,
84.5489

■ 77.3076, 82.5649,
102.8825

■ 81.4160, 89.6867,
107.6279

■ 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



50.2321, 39.9936, 24.0979



43.8186, 39.9936, 16.4764



36.5132, 39.9936, 14.9172

Triad

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



43.8186, 39.9936, 16.4764



25.8940, 39.9936, 48.0450



46.7765, 39.9936, 83.7131

Complementary

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



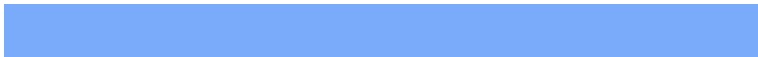
43.8186, 39.9936, 16.4764



30.6193, 33.1956, 73.2000

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.



39.5527, 39.9936, 95.7372



43.8186, 39.9936, 16.4764



27.9555, 39.9936, 71.3662

Square

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



43.8186, 39.9936, 16.4764



26.7355, 39.9936, 29.5443



32.7438, 39.9936, 90.6237



52.0843, 39.9936, 61.3924

Rectangle

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



43.8186, 39.9936, 16.4764



32.2215, 39.9936, 16.8849



32.7438, 39.9936, 90.6237



44.4593, 39.9936, 89.3670

Sweetspot

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



43.8196, 39.9956, 16.4772



82.0658, 83.9682, 73.9383



40.5828, 26.3706, 37.4454



17.2699, 17.5989, 15.0571



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.



43.8196, 39.9956, 16.4772



56.1739, 48.7154, 14.3454



56.6999, 65.7564, 20.7706



13.5692, 14.0777, 13.7277



20.4338, 15.1531, 1.8479



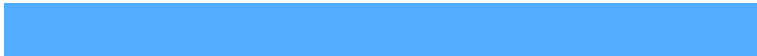
1.4098, 1.1536, 0.1484

Inverse Universe

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



30.6193, 33.1956, 73.2000



36.2021, 38.4101, 100.1136



22.4485, 16.8540, 70.4764



12.8960, 13.7317, 16.6229



11.2514, 10.3722, 41.1474



0.8151, 0.8442, 2.6944

Previews

White Background



This preview shows how the XYZ color 43.8186, 39.9936, 16.4764 looks on a white background.

Color Contrast Check

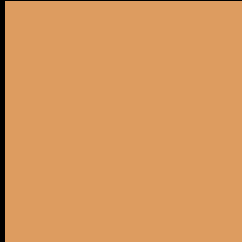
Large Text (above 18pt) WCAG AA × Fail

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 43.8186, 39.9936, 16.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

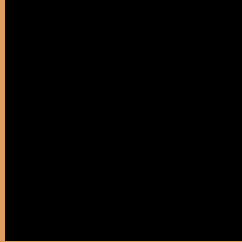
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8186, 39.9936, 16.4764

Background



This preview shows how black text looks on a background with the XYZ color 43.8186, 39.9936, 16.4764.



This preview shows how white text looks on a background with the XYZ color 43.8186, 39.9936,

16.4764.

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

43.8186, 39.9936, 16.4764

Protanopia

36.9734, 40.1281, 18.1087

Deuteranopia

40.9983, 40.0768, 16.4012



Tritanopia

48.2991, 39.8866, 38.4110

Trichromacy



Original Color

43.8186, 39.9936, 16.4764

Protanomaly

39.2605, 39.9532, 17.4469

Deuteranomaly

42.0769, 40.1140, 16.3515

Tritanomaly

46.3224, 39.7867, 28.9050

Monochromacy



Original Color

43.8186, 39.9936, 16.4764

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.8970, 39.1953, 31.1065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8186, 39.9936, 16.4764 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(221, 156, 96)` looks like.

```
.text, #text, p{  
    color:rgb(221, 156, 96)  
}
```

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(221, 156, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 156, 96) }
```

Border

The CSS property to change the border of an element to XYZ 43.8186, 39.9936, 16.4764 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(221, 156, 96) }
```


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

```
.border{ border-color:rgb(221, 156, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 156, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 156, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 156, 96);  
box-shadow:4px 4px 4px 4px rgb(221, 156,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8186, 39.9936, 16.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 156, 96) }
```

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

```
.background{ background-color: rgb(221,  
156, 96) }
```

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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