

Converting Colors

XYZ(43.4722, 46.6966, 7.9306)

Have a look what the booklet for
XYZ(43.4722, 46.6966, 7.9306)
contains.

XYZ(43.4196, 46.5851, 7.9317)	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(43.4196, 46.5851,
7.9317)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B41E
RGB	211, 180, 30
RGB Percent	83%, 71%, 12%
CMY	0.1726, 0.2941, 0.8823
CMYK	0.00, 0.15, 0.86, 0.17
HSL	50°, 75%, 47%
HSV	50°, 86%, 83%
XYZ	43.4196, 46.5851, 7.9317
YIQ	172.1690, 66.6260, -40.0780

Conversions

Conversions Part 2

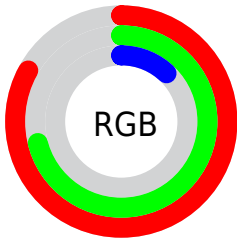
Format	Color
RYB	67, 211, 30
Decimal	13874206
CIELab	73.92, -2.52, 71.51
CIELCh	74, 71.557, 92.018
Yxy	46.5851, 0.4433, 0.4757
Android (android.graphics.Color)	4292064286 (0xFFD3B41E)
YUV	172.1690, -70.0893, 34.0548
Hunter-Lab	68.2533, -5.8897, 40.8872

Details

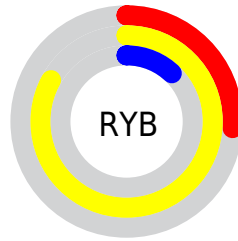
The XYZ color **43.4196, 46.5851, 7.9317** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **13.9624, 8.3170, 62.4971**, and the grayscale version is **39.6202, 41.6835, 45.3934**.

A 20% lighter version of the original color is **72.8801, 81.4494, 22.0053**, and **20.6681, 22.1137, 3.1791** is the 20% darker color. If you saturate the color by 10%, you get **42.5150, 45.0731, 6.7150**, and if you desaturate by 10%, it is **44.5252, 48.2116, 10.1036**.

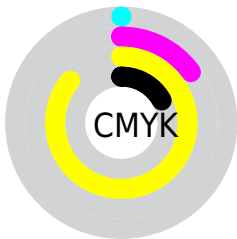
Distribution



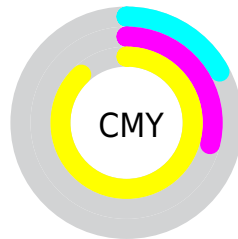
- Red (83%)
- Green (71%)
- Blue (12%)



- Red (26%)
- Yellow (83%)
- Blue (12%)



- Cyan (0%)
- Magenta (15%)
- Yellow (86%)
- Black (17%)



- Cyan (17%)
- Magenta (29%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4196, 46.5851, 7.9317 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 43.4196, 46.5851, 7.9317 by changing the saturation by 10% instead.

■ 43.4196, 46.5851,
7.9317

■ 43.4196, 46.5851,
7.9317

351.2269,
373.1560, 185.1099

■ 30.4104, 32.7078,
3.9641

■ 79.5954, 85.0940,
22.3684

■ 20.2999, 21.9027,
1.6057

■ 103.4928,
110.4943, 33.6746

■ 12.7228, 13.7854,
0.2949

■ 131.7503,
140.5045, 48.2641

■ 7.3136, 7.9716,
0.0000

■ 164.7333,
175.5088, 66.5554

■ 3.7071, 4.0768,
0.0000

■ 202.8070,
215.8917, 88.9671

■ 1.5378, 1.7166,
0.0000

■ 246.3370,

■ 0.3513, 0.4344,

262.0376, 115.9177

0.0000

295.6885,
314.3309, 147.8258

■ 0.0000, 0.0000,
0.0000

■ 43.4196, 46.5851,
7.9317

■ 43.4196, 46.5851,
7.9317

■ 42.5150, 45.0731,
6.7150

■ 44.5252, 48.2116,
10.1036

■ 42.1679, 44.4569,
6.3586

■ 45.8599, 49.9586,
13.3925

■ 47.4504, 51.8388,
17.9327

■ 49.3184, 53.8611,
23.8386

■ 51.4834, 56.0335,
31.2119

■ 53.9630, 58.3633,
40.1443

■ 56.7732, 60.8570,
50.7204

■ 59.9292, 63.5211,
63.0184

■ 63.4449, 66.3612,
77.1115

Harmonies

Analogous

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



56.8090, 46.5851, 10.5460



43.4196, 46.5851, 7.9317



32.5069, 46.5851, 11.4382

Triad

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



43.4196, 46.5851, 7.9317



26.5701, 46.5851, 97.8149



69.6565, 46.5851, 91.3259

Complementary

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



43.4196, 46.5851, 7.9317



13.9624, 8.3170, 62.4971

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.



58.5938, 46.5851, 136.6139



43.4196, 46.5851, 7.9317



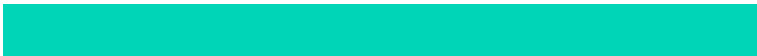
33.7397, 46.5851, 141.4586

Square

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



43.4196, 46.5851, 7.9317



24.0136, 46.5851, 53.2374



45.1471, 46.5851, 158.2638



73.5853, 46.5851, 48.2896

Rectangle

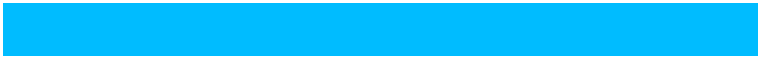
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.4196, 46.5851, 7.9317



27.6248, 46.5851, 18.6159



45.1471, 46.5851, 158.2638



66.5561, 46.5851, 107.3832

Sweetspot

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



43.4207, 46.5874, 7.9326



82.6372, 89.4099, 60.8759



28.2308, 15.1388, 6.1647



17.3923, 18.8643, 11.9516



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.



43.4207, 46.5874, 7.9326



64.6169, 68.0138, 9.7223



36.7953, 53.5213, 9.6202



12.6240, 13.4387, 12.5406



25.5146, 26.9622, 3.8595



1.4732, 1.6007, 0.2313

Inverse Universe

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



13.9624, 8.3170, 62.4971



18.9384, 8.9967, 95.3461



16.1830, 7.6739, 62.2559



11.3250, 11.7402, 14.9129



7.5309, 3.7083, 37.5113



0.4726, 0.3104, 2.1146

Previews

White Background



This preview shows how the XYZ color 43.4196, 46.5851, 7.9317 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 43.4196, 46.5851, 7.9317 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 43.4196, 46.5851, 7.9317

Background



This preview shows how black text looks on a background with the XYZ color 43.4196, 46.5851, 7.9317.

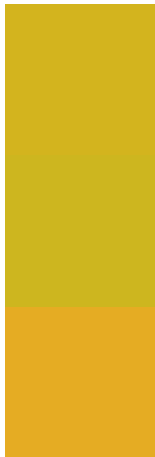


This preview shows how white text looks on a background with the XYZ color 43.4196, 46.5851,

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

43.4196, 46.5851, 7.9317

Protanopia

42.1521, 46.5340, 8.0566

Deuteranopia

47.3690, 46.2844, 8.0273



Tritanopia

52.0596, 46.6727, 49.4449

Trichromacy



Original Color

43.4196, 46.5851, 7.9317

Protanomaly

42.5033, 46.4121, 8.0146

Deuteranomaly

45.7287, 46.2993, 7.9653

Tritanomaly

47.0695, 45.7374, 25.7494

Monochromacy



Original Color

43.4196, 46.5851, 7.9317

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9698, 42.4551, 23.9100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4196, 46.5851, 7.9317 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(211, 180, 30)` looks like.

```
.text, #text, p{  
    color:rgb(211, 180, 30)  
}
```

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(211, 180, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 180, 30) }
```

Border

The CSS property to change the border of an element to XYZ 43.4196, 46.5851, 7.9317 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(211, 180, 30) }
```


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

```
.border{ border-color:rgb(211, 180, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 180, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 180, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 180, 30);  
box-shadow:4px 4px 4px 4px rgb(211, 180,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4196, 46.5851, 7.9317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 180, 30) }
```

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

```
.background{ background-color: rgb(211,  
180, 30) }
```

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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