

Converting Colors

XYZ(44.2214, 44.6761, 7.1644)

Have a look what the booklet for
XYZ(44.2214, 44.6761, 7.1644)
contains.

XYZ(44.1308, 44.6311, 7.1529)	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(44.1308, 44.6311,
7.1529)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAC18
RGB	219, 172, 24
RGB Percent	86%, 67%, 9%
CMY	0.1412, 0.3255, 0.9058
CMYK	0.00, 0.21, 0.89, 0.14
HSL	46°, 80%, 48%
HSV	46°, 89%, 86%
XYZ	44.1308, 44.6311, 7.1529
YIQ	169.1810, 75.5200, -36.0640

Conversions

Conversions Part 2

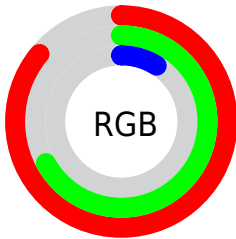
Format	Color
R_{YB}	86, 219, 24
Decimal	14396440
CIE _{Lab}	72.65, 5.07, 72.14
CIE _{LCh}	73, 72.320, 85.982
Yxy	44.6311, 0.4601, 0.4653
Android (android.graphics.Color)	4292586520 (0xFFDBAC18)
YUV	169.1810, -71.5742, 43.6913
Hunter-Lab	66.8065, 1.0015, 40.4164

Details

The XYZ color **44.1308, 44.6311, 7.1529** 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 **15.4164, 9.8155, 68.0993**, and the grayscale version is **38.1205, 40.1058, 43.6752**.

A 20% lighter version of the original color is **70.4705, 76.9028, 20.3620**, and **21.0145, 20.8039, 2.9080** is the 20% darker color. If you saturate the color by 10%, you get **42.9937, 42.6025, 6.0177**, and if you desaturate by 10%, it is **45.4828, 46.8131, 9.2140**.

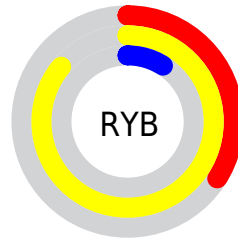
Distribution



Red (86%)

Green (67%)

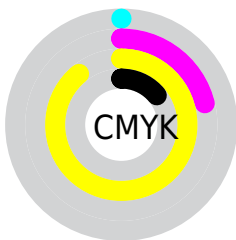
Blue (9%)



Red (34%)

Yellow (86%)

Blue (9%)

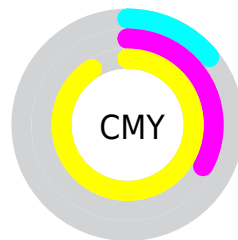


Cyan (0%)

Magenta (21%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1308, 44.6311, 7.1529 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 44.1308, 44.6311, 7.1529 by changing the saturation by 10% instead.

■ 44.1308, 44.6311,
7.1529

■ 44.1308, 44.6311,
7.1529

354.0850,
365.2774, 178.6071

■ 30.9717, 31.1670,
3.4780

■ 80.6597, 82.1666,
20.7982

■ 20.7290, 20.7260,
1.3436

■ 104.7601,
107.0067, 31.6058

■ 13.0374, 12.9239,
0.0971

■ 133.2384,
136.4076, 45.6279

■ 7.5315, 7.3761,
0.0000

■ 166.4599,
170.7536, 63.2833

■ 3.8459, 3.6984,
0.0000

■ 204.7900,
210.4292, 84.9903

■ 1.6153, 1.5063,
0.0000

■ 248.5939,

■ 0.4024, 0.2932,

255.8188, 111.1676

0.0000

298.2371,
307.3068, 142.2337

■ 0.0000, 0.0000,
0.0000

■ 44.1308, 44.6311,
7.1529

■ 44.1308, 44.6311,
7.1529

■ 42.9937, 42.6025,
6.0177

■ 45.4828, 46.8131,
9.2140

■ 42.8893, 42.4123,
5.9259

■ 47.0940, 49.1615,
12.4454

■ 48.9953, 51.6913,
17.0032

■ 51.2121, 54.4132,
23.0190

■ 53.7667, 57.3368,
30.6085

■ 56.6793, 60.4710,
39.8755

■ 59.9684, 63.8238,
50.9151

■ 63.6509, 67.4026,
63.8153

■ 67.7429, 71.2144,
78.6579

Harmonies

Analogous

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



57.3731, 44.6311, 10.9118



44.1308, 44.6311, 7.1529



32.7193, 44.6311, 9.2217

Triad

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



44.1308, 44.6311, 7.1529



24.2433, 44.6311, 85.5130



65.6806, 44.6311, 98.3056

Complementary

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



44.1308, 44.6311, 7.1529



15.4164, 9.8155, 68.0993

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.



53.8716, 44.6311, 140.7215



44.1308, 44.6311, 7.1529



30.3217, 44.6311, 131.1279

Square

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



44.1308, 44.6311, 7.1529



22.6441, 44.6311, 43.9205



40.7550, 44.6311, 154.9984



71.2698, 44.6311, 53.5914

Rectangle

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



44.1308, 44.6311, 7.1529



27.3500, 44.6311, 14.6945



40.7550, 44.6311, 154.9984



62.2061, 44.6311, 114.0186

Sweetspot

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



44.1318, 44.6333, 7.1538



80.8121, 86.1979, 58.9166



30.7345, 16.1914, 7.7665



16.9744, 18.1123, 11.5541



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.



44.1318, 44.6333, 7.1538



60.4305, 59.6411, 8.3268



42.1283, 59.3027, 10.0908



13.8825, 14.7044, 13.8321



25.5207, 25.3269, 3.5435



1.7185, 1.7711, 0.2513

Inverse Universe

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



15.4164, 9.8155, 68.0993



19.7432, 10.6063, 95.6144



15.8422, 7.1751, 67.5672



12.5922, 13.1242, 16.5217



8.4021, 4.6737, 40.1977



0.6116, 0.4372, 2.6266

Previews

White Background



This preview shows how the XYZ color 44.1308, 44.6311, 7.1529 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 44.1308, 44.6311, 7.1529 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 44.1308, 44.6311, 7.1529

Background



This preview shows how black text looks on a background with the XYZ color 44.1308, 44.6311, 7.1529.



This preview shows how white text looks on a background with the XYZ color 44.1308, 44.6311,

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

44.1308, 44.6311, 7.1529

Protanopia

40.3939, 44.7323, 7.4825

Deuteranopia

45.4258, 44.4581, 7.1644



Tritanopia

52.0121, 44.6141, 44.8998

Trichromacy



Original Color

44.1308, 44.6311, 7.1529

Protanomaly

41.7132, 44.5308, 7.3165

Deuteranomaly

44.9816, 44.5076, 7.1397

Tritanomaly

47.5968, 43.8665, 23.0980

Monochromacy



Original Color

44.1308, 44.6311, 7.1529

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0206, 40.5752, 22.3509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1308, 44.6311, 7.1529 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(219, 172, 24)` looks like.

```
.text, #text, p{  
    color:rgb(219, 172, 24)  
}
```

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(219, 172, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 172, 24) }
```

Border

The CSS property to change the border of an element to XYZ 44.1308, 44.6311, 7.1529 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(219, 172, 24) }
```


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

```
.border{ border-color:rgb(219, 172, 24) }
```

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

Here you see how a box with a 4 pixel rgb(219, 172, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 172, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 172, 24);  
box-shadow:4px 4px 4px 4px rgb(219, 172,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1308, 44.6311, 7.1529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 172, 24) }
```

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

```
.background{ background-color: rgb(219,  
172, 24) }
```

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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