

Converting Colors

XYZ(44.4422, 49.2797, 7.6598)

Have a look what the booklet for
XYZ(44.4422, 49.2797, 7.6598)
contains.

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Color

**XYZ(44.4422, 49.2797,
7.6598)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BB10
RGB	210, 187, 16
RGB Percent	82%, 73%, 6%
CMY	0.1765, 0.2666, 0.9372
CMYK	0.00, 0.11, 0.92, 0.18
HSL	53°, 86%, 44%
HSV	53°, 92%, 82%
XYZ	44.4422, 49.2797, 7.6598
YIQ	174.3830, 68.5990, -48.3050

Conversions

Conversions Part 2

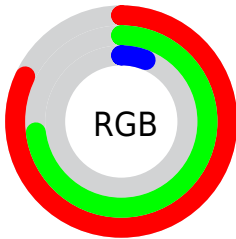
Format	Color
R _Y B	42, 210, 16
Decimal	13810448
CIE Lab	75.63, -6.85, 75.41
CIE LCh	76, 75.723, 95.193
Yxy	49.2797, 0.4384, 0.4861
Android (android.graphics.Color)	4292000528 (0xFFD2BB10)
YUV	174.3830, -78.0828, 31.2361
Hunter-Lab	70.1995, -9.8436, 42.6702

Details

The XYZ color **44.4422, 49.2797, 7.6598** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **12.5725, 6.2150, 61.5093**, and the grayscale version is **40.7961, 42.9207, 46.7406**.

A 20% lighter version of the original color is **74.9703, 86.0331, 21.4588**, and **21.2876, 23.6295, 3.4390** is the 20% darker color. If you saturate the color by 10%, you get **43.9496, 48.4444, 7.0343**, and if you desaturate by 10%, it is **45.2165, 50.4437, 9.1049**.

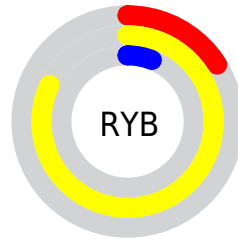
Distribution



Red (82%)

Green (73%)

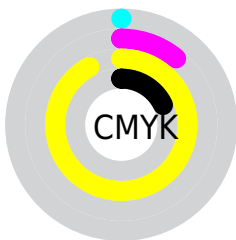
Blue (6%)



Red (16%)

Yellow (82%)

Blue (6%)

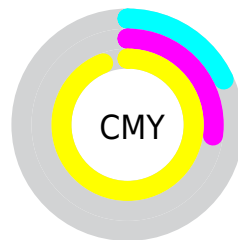


Cyan (0%)

Magenta (11%)

Yellow (92%)

Black (18%)



Cyan (18%)

Magenta (27%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4422, 49.2797, 7.6598 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 44.4422, 49.2797, 7.6598 by changing the saturation by 10% instead.

■ 44.4422, 49.2797,
7.6598

■ 44.4422, 49.2797,
7.6598

355.3316,
383.8424, 182.8726

■ 31.2177, 34.8414,
3.7934

■ 81.1250, 89.1067,
21.8238

■ 20.9173, 23.5407,
1.5127

■ 105.3139,
115.2643, 32.9585

■ 13.1757, 14.9933,
0.2274

■ 133.8885,
146.0970, 47.3531

■ 7.6275, 8.8147,
0.0000

■ 167.2139,
181.9893, 65.4260

■ 3.9073, 4.6205,
0.0000

■ 205.6555,
223.3256, 87.5959

■ 1.6498, 2.0264,
0.0000

■ 249.5788,

■ 0.4246, 0.6227,

270.4903, 114.2813

0.0000

299.3490,
323.8678, 145.9007

■ 0.0000, 0.0000,
0.0000

■ 44.4422, 49.2797,
7.6598

■ 44.4422, 49.2797,
7.6598

■ 43.9496, 48.4444,
7.0343

■ 45.2165, 50.4437,
9.1049

■ 46.1884, 51.6995,
11.5496

■ 47.3873, 53.0608,
15.1442

■ 48.8368, 54.5374,
20.0132

■ 50.5577, 56.1374,
26.2648

■ 52.5684, 57.8683,
33.9960

■ 54.8855, 59.7368,
43.2948

■ 57.5246, 61.7493,
54.2424

■ 60.5001, 63.9116,
66.9143

Harmonies

Analogous

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



59.0761, 49.2797, 9.6722



44.4422, 49.2797, 7.6598



32.9639, 49.2797, 12.0766

Triad

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



44.4422, 49.2797, 7.6598



28.0914, 49.2797, 111.5438



75.7981, 49.2797, 92.9767

Complementary

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



44.4422, 49.2797, 7.6598



12.5725, 6.2150, 61.5093

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.



64.1456, 49.2797, 144.6378



44.4422, 49.2797, 7.6598



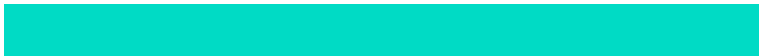
36.4202, 49.2797, 158.5919

Square

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



44.4422, 49.2797, 7.6598



24.8049, 49.2797, 60.9491



49.3202, 49.2797, 173.0190



79.1195, 49.2797, 46.9715

Rectangle

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



44.4422, 49.2797, 7.6598



28.0172, 49.2797, 20.5656



49.3202, 49.2797, 173.0190



72.6257, 49.2797, 110.8499

Sweetspot

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



44.4433, 49.2821, 7.6608



82.9691, 90.9425, 58.3086



27.1794, 14.2389, 3.4951



17.4372, 19.2010, 11.2055



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.



44.4433, 49.2821, 7.6608



68.1042, 74.9883, 10.8847



33.7661, 51.6082, 8.6725



12.6788, 13.5484, 12.5589



26.8574, 29.6479, 4.3071



1.5363, 1.7269, 0.2524

Inverse Universe

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



12.5725, 6.2150, 61.5093



18.5200, 8.1600, 95.2067



15.7621, 7.0572, 61.5037



11.2750, 11.6402, 14.8962



7.3451, 3.3369, 37.4494



0.4492, 0.2637, 2.1068

Previews

White Background



This preview shows how the XYZ color 44.4422, 49.2797, 7.6598 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 44.4422, 49.2797, 7.6598 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 44.4422, 49.2797, 7.6598

Background



This preview shows how black text looks on a background with the XYZ color 44.4422, 49.2797, 7.6598.



This preview shows how white text looks on a background with the XYZ color 44.4422, 49.2797,

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

44.4422, 49.2797, 7.6598

Protanopia

44.4422, 49.2797, 7.6598

Deuteranopia

50.1927, 49.1903, 7.9478



Tritanopia

53.9245, 49.2321, 53.6743

Trichromacy



Original Color

44.4422, 49.2797, 7.6598

Protanomaly

44.4422, 49.2797, 7.6598

Deuteranomaly

48.0528, 49.2824, 7.8440

Tritanomaly

48.4370, 48.4726, 26.2053

Monochromacy



Original Color

44.4422, 49.2797, 7.6598

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.8245, 44.0893, 23.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4422, 49.2797, 7.6598 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(210, 187, 16)` looks like.

```
.text, #text, p{  
    color:rgb(210, 187, 16)  
}
```

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(210, 187, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 187, 16) }
```

Border

The CSS property to change the border of an element to XYZ 44.4422, 49.2797, 7.6598 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(210, 187, 16) }
```


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

```
.border{ border-color:rgb(210, 187, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 187, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 187, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 187, 16);  
box-shadow:4px 4px 4px 4px rgb(210, 187,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4422, 49.2797, 7.6598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 187, 16) }
```

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

```
.background{ background-color: rgb(210,  
187, 16) }
```

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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