

Converting Colors

XYZ(29.5668, 25.2407, 4.3772)

Have a look what the booklet for
XYZ(29.5668, 25.2407, 4.3772)
contains.

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Color

**XYZ(29.4200, 25.1142,
4.3338)**

Conversions

Conversions Part 1

Format	Color
Hex	C3781B
RGB	195, 120, 27
RGB Percent	76%, 47%, 11%
CMY	0.2353, 0.5294, 0.8941
CMYK	0.00, 0.38, 0.86, 0.24
HSL	33°, 76%, 44%
HSV	33°, 86%, 76%
XYZ	29.4200, 25.1142, 4.3338
YIQ	131.8230, 74.5530, -13.0230

Conversions

Conversions Part 2

Format	Color
R_{YB}	162, 195, 27
Decimal	12810267
CIE _{Lab}	57.19, 22.77, 57.90
CIE _{LCh}	57, 62.212, 68.535
Yxy	25.1142, 0.4998, 0.4266
Android (android.graphics.Color)	4291000347 (0xFFC3781B)
YUV	131.8230, -51.6777, 55.4062
Hunter-Lab	50.1141, 17.0907, 29.9525

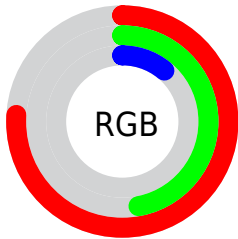
Details

The XYZ color **29.4200, 25.1142, 4.3338** is a dark color, and the websafe version is hex **996600**.

The color can be described as dark washed orange. A complement of this color would be **15.0534, 13.6753, 53.4756**, and the grayscale version is **22.0306, 23.1779, 25.2407**.

A 20% lighter version of the original color is **57.6688, 51.7412, 14.7322**, and **12.2449, 9.6574, 1.2187** is the 20% darker color. If you saturate the color by 10%, you get **28.2640, 23.0531, 3.1755**, and if you desaturate by 10%, it is **30.8208, 27.4276, 6.3067**.

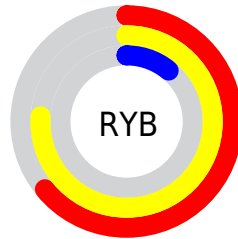
Distribution



Red (76%)

Green (47%)

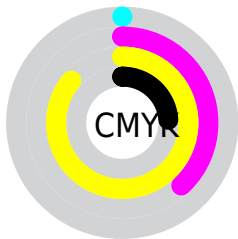
Blue (11%)



Red (64%)

Yellow (76%)

Blue (11%)

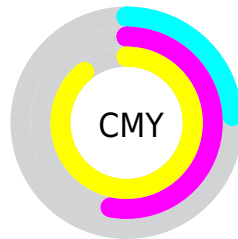


Cyan (0%)

Magenta (38%)

Yellow (86%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4200, 25.1142, 4.3338 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 29.4200, 25.1142, 4.3338 by changing the saturation by 10% instead.


 29.4200, 25.1142,
4.3338


 29.4200, 25.1142,
4.3338


291.1501,
278.4062, 151.8663


 19.5447, 16.1622,
1.8102


 58.1367, 51.8424,
14.7726


 12.1708, 9.6390,
0.4347


 77.7087, 70.3874,
23.5248


 6.9331, 5.1602,
0.0000


 101.2437, 92.8988,
35.1903

 3.4663, 2.3416,
0.0000

 129.1070,
119.7611, 50.1877

 1.4049, 0.7956,
0.0000

 161.6639,
151.3585, 68.9354

 0.2597, 0.0000,
0.0000

 199.2798,

 0.0000, 0.0000,

188.0756, 91.8521

0.0000

242.3201,
230.2967, 119.3562

29.4200, 25.1142,
4.3338

29.4200, 25.1142,
4.3338

28.2640, 23.0531,
3.1755

30.8208, 27.4276,
6.3067

27.8630, 22.3169,
2.8391

32.4938, 30.0051,
9.2337

34.4627, 32.8608,
13.2259

36.7477, 36.0065,
18.3786

39.3670, 39.4529,
24.7763

■ 42.3370, 43.2101,
32.4957

■ 45.6731, 47.2875,
41.6072

■ 49.3895, 51.6940,
52.1761

■ 53.4998, 56.4380,
64.2636

Harmonies

Analogous

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



36.7090, 25.1142, 9.0946



29.4200, 25.1142, 4.3338



21.8350, 25.1142, 3.6795

Triad

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



29.4200, 25.1142, 4.3338



12.4509, 25.1142, 33.7981



33.7938, 25.1142, 72.7526

Complementary

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



29.4200, 25.1142, 4.3338



15.0534, 13.6753, 53.4756

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.



26.0283, 25.1142, 90.0141



29.4200, 25.1142, 4.3338



14.4398, 25.1142, 61.0748

Square

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



29.4200, 25.1142, 4.3338



12.9919, 25.1142, 15.0545



19.0665, 25.1142, 84.8981



39.5731, 25.1142, 44.9760

Rectangle

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



29.4200, 25.1142, 4.3338



17.7396, 25.1142, 4.9810



19.0665, 25.1142, 84.8981



31.2722, 25.1142, 80.4902

Sweetspot

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



29.4206, 25.1155, 4.3343



75.6853, 77.2147, 57.8237



25.3258, 13.3573, 13.9708



16.1479, 16.3755, 11.5368



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.



29.4206, 25.1155, 4.3343



49.6505, 39.4645, 5.0005



40.1085, 49.6235, 8.5015



10.5251, 10.9816, 10.6268



18.1945, 14.6748, 1.8736



0.8541, 0.7699, 0.1036

Inverse Universe

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



15.0534, 13.6753, 53.4756



23.5131, 18.7989, 94.8591



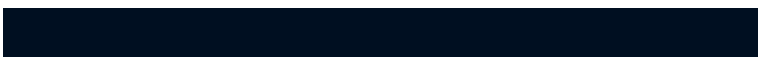
10.9492, 5.0885, 52.0345



9.8902, 10.4716, 12.7848



8.7011, 7.1588, 34.4798



0.4446, 0.4466, 1.5127

Previews

White Background



This preview shows how the XYZ color 29.4200, 25.1142, 4.3338 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4200, 25.1142, 4.3338 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 × Fail

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

XYZ 29.4200, 25.1142, 4.3338

Background



This preview shows how black text looks on a background with the XYZ color 29.4200, 25.1142, 4.3338.



This preview shows how white text looks on a background with the XYZ color 29.4200, 25.1142,

4.3338.

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

29.4200, 25.1142, 4.3338

Protanopia

22.8668, 25.2498, 5.0350

Deuteranopia

25.6981, 25.2818, 4.1873



Tritanopia

32.7375, 25.0865, 20.8860

Trichromacy



Original Color

29.4200, 25.1142, 4.3338

Protanomaly

24.9282, 24.8724, 4.7153

Deuteranomaly

27.0354, 25.1857, 4.2470

Tritanomaly

31.0992, 24.9391, 11.9787

Monochromacy



Original Color

29.4200, 25.1142, 4.3338

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.2571, 23.2151, 13.8448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4200, 25.1142, 4.3338 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(195, 120, 27)` looks like.

```
.text, #text, p{  
    color:rgb(195, 120, 27)  
}
```

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(195, 120, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 120, 27) }
```

Border

The CSS property to change the border of an element to XYZ 29.4200, 25.1142, 4.3338 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(195, 120, 27) }
```


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

```
.border{ border-color:rgb(195, 120, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 120, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 120, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 120, 27);  
box-shadow:4px 4px 4px 4px rgb(195, 120,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4200, 25.1142, 4.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 120, 27) }
```

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

```
.background{ background-color: rgb(195,  
120, 27) }
```

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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