

Converting Colors

XYZ(30.7536, 28.7152, 14.0471)

Have a look what the booklet for
XYZ(30.7536, 28.7152, 14.0471)
contains.

XYZ(30.7435, 28.6953, 14.0436)	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(30.7435, 28.6953,
14.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	B9885C
RGB	185, 136, 92
RGB Percent	73%, 53%, 36%
CMY	0.2745, 0.4666, 0.6392
CMYK	0.00, 0.26, 0.50, 0.27
HSL	28°, 40%, 54%
HSV	28°, 50%, 73%
XYZ	30.7435, 28.6953, 14.0436
YIQ	145.6350, 43.3280, -3.2960

Conversions

Conversions Part 2

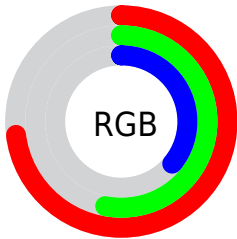
Format	Color
RYB	185, 176, 92
Decimal	12159068
CIELab	60.51, 13.43, 30.87
CIELCh	61, 33.662, 66.487
Yxy	28.6953, 0.4184, 0.3905
Android (android.graphics.Color)	4290349148 (0xFFB9885C)
YUV	145.6350, -26.4421, 34.5231
Hunter-Lab	53.5680, 8.6999, 21.9539

Details

The XYZ color **30.7435, 28.6953, 14.0436** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.6950, 24.8268, 49.4947**, and the grayscale version is **27.2651, 28.6851, 31.2380**.

A 20% lighter version of the original color is **60.1177, 57.4330, 33.9037**, and **12.8547, 11.5122, 4.0272** is the 20% darker color. If you saturate the color by 10%, you get **28.7208, 25.7899, 9.8550**, and if you desaturate by 10%, it is **33.0900, 31.9322, 19.3149**.

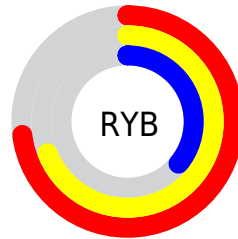
Distribution



Red (73%)

Green (53%)

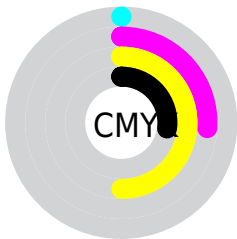
Blue (36%)



Red (73%)

Yellow (69%)

Blue (36%)

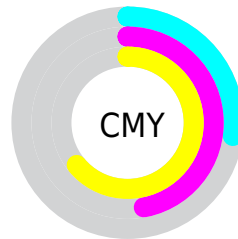


Cyan (0%)

Magenta (26%)

Yellow (50%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7435, 28.6953, 14.0436 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 30.7435, 28.6953, 14.0436 by changing the saturation by 10% instead.


 30.7435, 28.6953,
14.0436


 30.7435, 28.6953,
14.0436


297.2029,
295.7746, 228.9398

 20.5545, 18.8504,
8.0119


 60.2146, 57.5926,
33.8846


 12.9093, 11.5623,
4.0147


 80.2274, 77.4139,
48.5310

 7.4427, 6.4464,
1.6334


 104.2455,
101.3294, 66.8860

 3.7893, 3.1183,
0.3145

 132.6342,
129.7235, 89.3682

 1.5836, 1.1938,
0.0000

165.7590,
162.9808, 116.3962

 0.3817, 0.0567,
0.0000

203.9851,

 0.0000, 0.0000,

201.4854, 148.3884

0.0000

247.6780,
245.6219, 185.7634

■ 30.7435, 28.6953,
14.0436

■ 30.7435, 28.6953,
14.0436

■ 28.7208, 25.7899,
9.8550

■ 33.0900, 31.9322,
19.3149

■ 27.0017, 23.1993,
6.6694

■ 35.7744, 35.5080,
25.7376

■ 25.5670, 20.9113,
4.3983

■ 38.8126, 39.4351,
33.3766

■ 24.3932, 18.9109,
2.9368

■ 42.2187, 43.7238,
42.2914

■ 23.4592, 17.2177,
2.0869

■ 46.0059, 48.3840,
52.5377

■ 50.1868, 53.4253,
64.1677

■ 54.7731, 58.8566,
77.2309

■ 59.7765, 64.6868,
91.7743

■ 64.6388, 70.6967,
104.8467

Harmonies

Analogous

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



34.5547, 28.6953, 19.0705



30.7435, 28.6953, 14.0436



26.3413, 28.6953, 12.9953

Triad

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



30.7435, 28.6953, 14.0436



19.7890, 28.6953, 34.0251



32.5477, 28.6953, 54.6895

Complementary

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



30.7435, 28.6953, 14.0436



22.6950, 24.8268, 49.4947

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.



28.2285, 28.6953, 61.5442



30.7435, 28.6953, 14.0436



21.0954, 28.6953, 47.7343

Square

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



30.7435, 28.6953, 14.0436



20.3103, 28.6953, 22.6403



24.0759, 28.6953, 58.7088



35.6713, 28.6953, 41.7912

Rectangle

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



30.7435, 28.6953, 14.0436



23.7163, 28.6953, 14.3536



24.0759, 28.6953, 58.7088



31.1709, 28.6953, 57.9137

Sweetspot

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



30.7442, 28.6967, 14.0442



72.4944, 74.4052, 67.5073



28.6873, 19.9098, 27.7652



15.3565, 15.6971, 13.8444



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.7442, 28.6967, 14.0442



51.2022, 45.8412, 17.1870



38.6468, 44.5018, 16.6784



9.3456, 9.6942, 9.4855



16.0456, 11.8675, 1.4450



0.6277, 0.5424, 0.0716

Inverse Universe

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



22.6950, 24.8268, 49.4947



35.1808, 38.1255, 87.7093



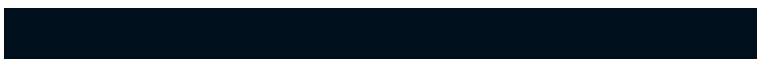
17.2720, 13.9808, 47.6870



8.9021, 9.4815, 11.4404



8.9762, 8.4120, 32.4037



0.3779, 0.4195, 1.1628

Previews

White Background



This preview shows how the XYZ color 30.7435, 28.6953, 14.0436 looks on a white background.

Color Contrast Check

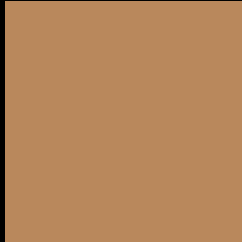
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7435, 28.6953, 14.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

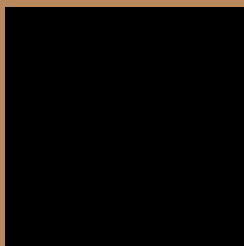
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7435, 28.6953, 14.0436

Background



This preview shows how black text looks on a background with the XYZ color 30.7435, 28.6953, 14.0436.



This preview shows how white text looks on a background with the XYZ color 30.7435, 28.6953,

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

30.7435, 28.6953, 14.0436

Protanopia

26.6883, 28.7732, 15.2135

Deuteranopia

29.3979, 28.8586, 13.9184



Tritanopia

33.7025, 28.6775, 28.5699

Trichromacy



Original Color

30.7435, 28.6953, 14.0436

Protanomaly

27.8870, 28.4971, 14.8572

Deuteranomaly

29.9433, 28.9239, 13.9022

Tritanomaly

32.5655, 28.6240, 22.5475

Monochromacy



Original Color

30.7435, 28.6953, 14.0436

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9361, 28.3259, 23.7337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7435, 28.6953, 14.0436 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(185, 136, 92)` looks like.

```
.text, #text, p{  
    color:rgb(185, 136, 92)  
}
```

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(185, 136, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 136, 92) }
```

Border

The CSS property to change the border of an element to XYZ 30.7435, 28.6953, 14.0436 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(185, 136, 92) }
```


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

```
.border{ border-color:rgb(185, 136, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 136, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 136, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 136, 92);  
box-shadow:4px 4px 4px 4px rgb(185, 136,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7435, 28.6953, 14.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 136, 92) }
```

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

```
.background{ background-color: rgb(185,  
136, 92) }
```

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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