

Converting Colors

XYZ(28.2689, 30.5502, 14.0797)

Have a look what the booklet for
XYZ(28.2689, 30.5502, 14.0797)
contains.

XYZ(28.2689, 30.5502, 14.0797)	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(28.2689, 30.5502,
14.0797)**

Conversions

Conversions Part 1

Format	Color
Hex	A5965A
RGB	165, 150, 90
RGB Percent	65%, 59%, 35%
CMY	0.3529, 0.4117, 0.6471
CMYK	0.00, 0.09, 0.45, 0.35
HSL	48°, 29%, 50%
HSV	48°, 45%, 65%
XYZ	28.2689, 30.5502, 14.0797
YIQ	147.6450, 28.2000, -15.4800

Conversions

Conversions Part 2

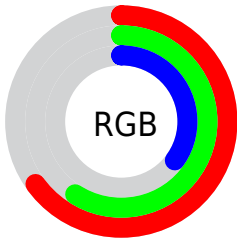
Format	Color
RYB	109, 165, 90
Decimal	10851930
CIELab	62.13, -3.00, 33.56
CIELCh	62, 33.697, 95.101
Yxy	30.5502, 0.3878, 0.4191
Android (android.graphics.Color)	4289042010 (0xFFA5965A)
YUV	147.6450, -28.4190, 15.2203
Hunter-Lab	55.2722, -5.4329, 23.5874

Details

The XYZ color **28.2689, 30.5502, 14.0797** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.0595, 14.9930, 37.6449**, and the grayscale version is **28.1074, 29.5712, 32.2030**.

A 20% lighter version of the original color is **56.2194, 60.4810, 33.9102**, and **11.4353, 12.4704, 3.9948** is the 20% darker color. If you saturate the color by 10%, you get **27.1243, 29.2629, 10.6096**, and if you desaturate by 10%, it is **29.5857, 31.9324, 18.3771**.

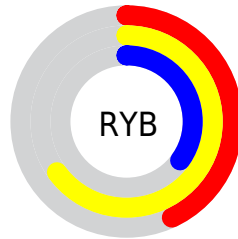
Distribution



Red (65%)

Green (59%)

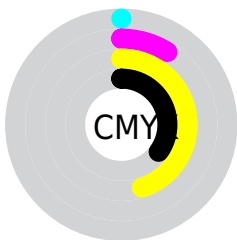
Blue (35%)



Red (43%)

Yellow (65%)

Blue (35%)

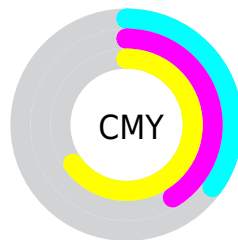


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2689, 30.5502, 14.0797 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 28.2689, 30.5502, 14.0797 by changing the saturation by 10% instead.

■ 28.2689, 30.5502,
14.0797

■ 28.2689, 30.5502,
14.0797

285.8064,
304.4607, 229.1717

■ 18.6699, 20.2566,
8.0367

■ 56.3191, 60.5312,
33.9495

■ 11.5346, 12.5817,
4.0304

■ 75.5011, 80.9874,
48.6135

■ 6.4976, 7.1411,
1.6420

■ 98.6081, 105.5999,
66.9882

■ 3.1934, 3.5505,
0.3205

■ 126.0055,
134.7530, 89.4922

■ 1.2569, 1.4255,
0.0000

158.0587,
168.8313, 116.5440

■ 0.1506, 0.2354,
0.0000

195.1330,

■ 0.0000, 0.0000,

208.2191, 148.5621

0.0000

237.5938,
253.3008, 185.9652

■ 28.2689, 30.5502,
14.0797

■ 28.2689, 30.5502,
14.0797

■ 27.1243, 29.2629,
10.6096

■ 29.5857, 31.9324,
18.3771

■ 26.1392, 28.0618,
7.9099

■ 31.0822, 33.4091,
23.5499

■ 25.3024, 26.9434,
5.9195

■ 32.7678, 34.9857,
29.6446

■ 24.6003, 25.9020,
4.5672

■ 34.6509, 36.6655,
36.7041

■ 24.0155, 24.9304,
3.7617

■ 36.7391, 38.4518,
44.7685

■ 23.7695, 24.5042,
3.4770

■ 39.0397, 40.3478,
53.8754

■ 41.5597, 42.3563,
64.0609

■ 44.3056, 44.4802,
75.3589

■ 47.2837, 46.7222,
87.8022

Harmonies

Analogous

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



32.8638, 30.5502, 15.3696



28.2689, 30.5502, 14.0797



24.3076, 30.5502, 16.7347

Triad

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



28.2689, 30.5502, 14.0797



22.4734, 30.5502, 49.7829



37.6830, 30.5502, 44.9203

Complementary

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



28.2689, 30.5502, 14.0797



16.0595, 14.9930, 37.6449

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.



34.3433, 30.5502, 58.1537



28.2689, 30.5502, 14.0797



25.5195, 30.5502, 61.4347

Square

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



28.2689, 30.5502, 14.0797



21.1914, 30.5502, 35.5333



29.8190, 30.5502, 64.8399



38.6135, 30.5502, 31.0934

Rectangle

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



28.2689, 30.5502, 14.0797



22.4585, 30.5502, 20.9278



29.8190, 30.5502, 64.8399



36.7890, 30.5502, 49.6887

Sweetspot

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



28.2696, 30.5516, 14.0803



59.0696, 63.0071, 54.5123



21.7233, 16.3319, 15.3724



12.7702, 13.6436, 11.3881



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.2696, 30.5516, 14.0803



48.4725, 52.2845, 18.6978



26.5421, 33.4437, 14.7296



7.5286, 7.9956, 7.5266



18.0174, 18.6087, 2.6422



0.4075, 0.4488, 0.0652

Inverse Universe

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



16.0595, 14.9930, 37.6449



23.7382, 20.7932, 66.5147



17.1939, 13.5070, 37.2983



6.8099, 7.0787, 8.9105



5.5788, 2.9370, 27.2026



0.1467, 0.1207, 0.5814

Previews

White Background



This preview shows how the XYZ color 28.2689, 30.5502, 14.0797 looks on a white background.

Color Contrast Check

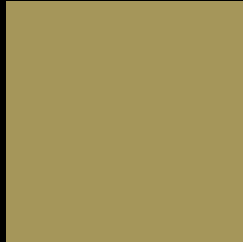
Large Text (above 18pt) WCAG AA × Fail

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 28.2689, 30.5502, 14.0797 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 28.2689, 30.5502, 14.0797

Background



This preview shows how black text looks on a background with the XYZ color 28.2689, 30.5502, 14.0797.



This preview shows how white text looks on a background with the XYZ color 28.2689, 30.5502,

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

28.2689, 30.5502, 14.0797

Protanopia

28.0617, 30.4434, 14.0700

Deuteranopia

31.0022, 30.3453, 14.1208



Tritanopia

32.3003, 30.3370, 34.7251

Trichromacy



Original Color

28.2689, 30.5502, 14.0797

Protanomaly

28.0617, 30.4434, 14.0700

Deuteranomaly

30.0717, 30.5432, 14.2080

Tritanomaly

30.5843, 30.3245, 25.7140

Monochromacy



Original Color

28.2689, 30.5502, 14.0797

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9046, 29.8972, 24.3787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2689, 30.5502, 14.0797 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(165, 150, 90)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 90)  
}
```

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(165, 150, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 90) }
```

Border

The CSS property to change the border of an element to XYZ 28.2689, 30.5502, 14.0797 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(165, 150, 90) }
```


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

```
.border{ border-color:rgb(165, 150, 90) }
```

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

Here you see how a box with a 4 pixel rgb(165, 150, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 150, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 150, 90);  
box-shadow:4px 4px 4px 4px rgb(165, 150,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2689, 30.5502, 14.0797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 90) }
```

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

```
.background{ background-color: rgb(165,  
150, 90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor