

Converting Colors

XYZ(30.1426, 30.6675, 14.3410)

Have a look what the booklet for
XYZ(30.1426, 30.6675, 14.3410)
contains.

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Color

**XYZ(30.0717, 30.5432,
14.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	B0925B
RGB	176, 146, 91
RGB Percent	69%, 57%, 36%
CMY	0.3098, 0.4274, 0.6431
CMYK	0.00, 0.17, 0.48, 0.31
HSL	39°, 35%, 52%
HSV	39°, 48%, 69%
XYZ	30.0717, 30.5432, 14.2080
YIQ	148.7000, 35.5350, -10.7450

Conversions

Conversions Part 2

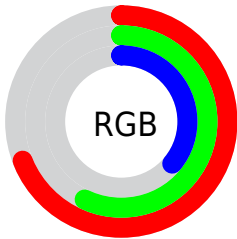
Format	Color
RYB	137, 176, 91
Decimal	11571803
CIELab	62.12, 3.98, 33.25
CIElCh	62, 33.484, 83.176
Yxy	30.5432, 0.4019, 0.4082
Android (android.graphics.Color)	4289761883 (0xFFB0925B)
YUV	148.7000, -28.4461, 23.9421
Hunter-Lab	55.2659, 0.4114, 23.4436

Details

The XYZ color **30.0717, 30.5432, 14.2080** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.9880, 19.0328, 43.7471**, and the grayscale version is **28.5469, 30.0335, 32.7065**.

A 20% lighter version of the original color is **59.1410, 60.5852, 34.1682**, and **12.5041, 12.6051, 4.0595** is the 20% darker color. If you saturate the color by 10%, you get **28.4684, 28.4124, 10.3571**, and if you desaturate by 10%, it is **31.9066, 32.8522, 19.0152**.

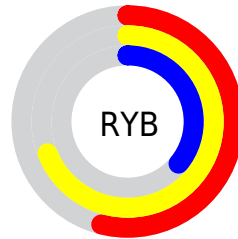
Distribution



Red (69%)

Green (57%)

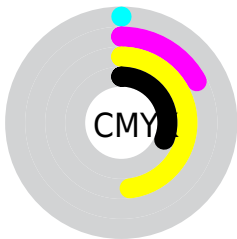
Blue (36%)



Red (54%)

Yellow (69%)

Blue (36%)

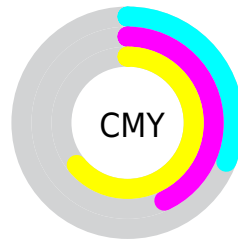


Cyan (0%)

Magenta (17%)

Yellow (48%)

Black (31%)



Cyan (31%)

Magenta (43%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0717, 30.5432, 14.2080 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 30.0717, 30.5432, 14.2080 by changing the saturation by 10% instead.


 30.0717, 30.5432,
14.2080


 30.0717, 30.5432,
14.2080


294.1424,
304.4283, 229.9942


 20.0414, 20.2513,
8.1251


 59.1614, 60.5202,
34.1801


 12.5335, 12.5778,
4.0862


 78.9515, 80.9740,
48.9063

 7.1829, 7.1385,
1.6727


 102.7255,
105.5839, 67.3507

 3.6241, 3.5489,
0.3419

 130.8488,
134.7342, 89.9318

 1.4918, 1.4245,
0.0000

163.6868,
168.8095, 117.0682

 0.3202, 0.2347,
0.0000

201.6048,

 0.0000, 0.0000,

208.1939, 149.1783

0.0000

244.9682,
253.2721, 186.6809

■ 30.0717, 30.5432,
14.2080

■ 30.0717, 30.5432,
14.2080

■ 28.4684, 28.4124,
10.3571

■ 31.9066, 32.8522,
19.0152

■ 27.0810, 26.4488,
7.3938

■ 33.9831, 35.3411,
24.8373

■ 25.8951, 24.6463,
5.2432

■ 36.3131, 38.0172,
31.7303

■ 24.8931, 22.9967,
3.8171

■ 38.9072, 40.8860,
39.7453

■ 24.0460, 21.4868,
2.9662

■ 41.7751, 43.9524,
48.9305

■ 23.9095, 21.2401,
2.8396

■ 44.9261, 47.2215,
59.3310

■ 48.3690, 50.6978,
70.9896

■ 52.1122, 54.3859,
83.9471

■ 56.1637, 58.2901,
98.2421

Harmonies

Analogous

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



34.5367, 30.5432, 17.0911



30.0717, 30.5432, 14.2080



25.7537, 30.5432, 15.2690

Triad

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



30.0717, 30.5432, 14.2080



21.7744, 30.5432, 44.0037



36.5294, 30.5432, 50.4475

Complementary

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



30.0717, 30.5432, 14.2080



18.9880, 19.0328, 43.7471

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.



32.5738, 30.5432, 61.6658



30.0717, 30.5432, 14.2080



24.1429, 30.5432, 57.3236

Square

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



30.0717, 30.5432, 14.2080



21.2524, 30.5432, 30.3953



28.0134, 30.5432, 64.4628



38.5065, 30.5432, 36.2915

Rectangle

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



30.0717, 30.5432, 14.2080



23.4986, 30.5432, 18.2496



28.0134, 30.5432, 64.4628



35.3685, 30.5432, 54.8216

Sweetspot

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



30.0724, 30.5446, 14.2086



67.7067, 71.0153, 63.1847



25.1689, 18.1218, 20.6382



14.4624, 15.1554, 13.0474



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.0724, 30.5446, 14.2086



51.4382, 51.2641, 18.3446



32.8615, 39.7696, 15.8422



8.9397, 9.3919, 8.9942



17.5994, 15.6974, 2.1023



0.6061, 0.5987, 0.0836

Inverse Universe

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



18.9880, 19.0328, 43.7471



28.9549, 27.9473, 78.3636



17.0952, 13.4614, 42.7715



8.2792, 8.7045, 10.7501



7.0686, 4.9375, 30.7175



0.2786, 0.2677, 0.9852

Previews

White Background



This preview shows how the XYZ color 30.0717, 30.5432, 14.2080 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 30.0717, 30.5432, 14.2080 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 30.0717, 30.5432, 14.2080

Background



This preview shows how black text looks on a background with the XYZ color 30.0717, 30.5432, 14.2080.



This preview shows how white text looks on a background with the XYZ color 30.0717, 30.5432,

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

30.0717, 30.5432, 14.2080

Protanopia

28.1920, 30.4955, 14.7563

Deuteranopia

31.1964, 30.6643, 14.3998



Tritanopia

34.0290, 30.6123, 32.9694

Trichromacy



Original Color

30.0717, 30.5432, 14.2080

Protanomaly

28.8277, 30.5924, 14.5108

Deuteranomaly

30.8796, 30.7268, 14.4286

Tritanomaly

32.4578, 30.6343, 24.9712

Monochromacy



Original Color

30.0717, 30.5432, 14.2080

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7843, 30.1093, 24.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0717, 30.5432, 14.2080 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(176, 146, 91)` looks like.

```
.text, #text, p{  
    color:rgb(176, 146, 91)  
}
```

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(176, 146, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 146, 91) }
```

Border

The CSS property to change the border of an element to XYZ 30.0717, 30.5432, 14.2080 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(176, 146, 91) }
```


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

```
.border{ border-color:rgb(176, 146, 91) }
```

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

Here you see how a box with a 4 pixel rgb(176, 146, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 146, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 146, 91);  
box-shadow:4px 4px 4px 4px rgb(176, 146,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0717, 30.5432, 14.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 146, 91) }
```

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

```
.background{ background-color: rgb(176,  
146, 91) }
```

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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