

Converting Colors

XYZ(30.6116, 34.2772, 24.5689)

Have a look what the booklet for
XYZ(30.6116, 34.2772, 24.5689)
contains.

XYZ(30.5471, 34.2395, 24.4009)	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(30.5471, 34.2395,
24.4009)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA17D
RGB	158, 161, 125
RGB Percent	62%, 63%, 49%
CMY	0.3804, 0.3686, 0.5098
CMYK	0.02, 0.00, 0.22, 0.37
HSL	65°, 16%, 56%
HSV	65°, 22%, 63%
XYZ	30.5471, 34.2395, 24.4009
YIQ	155.9990, 9.7680, -11.8320

Conversions

Conversions Part 2

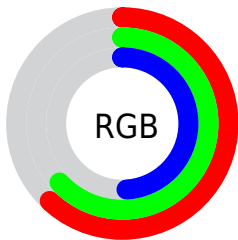
Format	Color
RYB	125, 161, 128
Decimal	10396029
CIELab	65.15, -7.30, 18.44
CIELCh	65, 19.830, 111.615
Yxy	34.2395, 0.3425, 0.3839
Android (android.graphics.Color)	4288586109 (0xFF9EA17D)
YUV	155.9990, -15.2825, 1.7549
Hunter-Lab	58.5145, -9.2157, 16.2359

Details

The XYZ color **30.5471, 34.2395, 24.4009** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6700, 21.8305, 36.7390**, and the grayscale version is **31.6632, 33.3122, 36.2769**.

A 20% lighter version of the original color is **60.0323, 66.4722, 51.7859**, and **12.8243, 14.7378, 9.0063** is the 20% darker color. If you saturate the color by 10%, you get **29.3384, 33.7268, 19.4037**, and if you desaturate by 10%, it is **31.9272, 34.8234, 30.2779**.

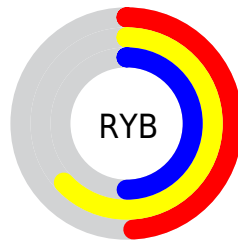
Distribution



Red (62%)

Green (63%)

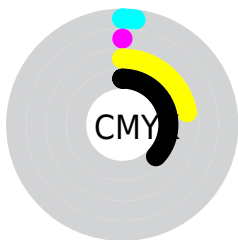
Blue (49%)



Red (49%)

Yellow (63%)

Blue (50%)

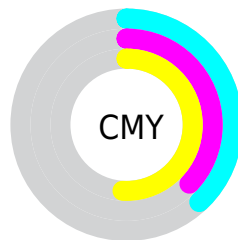


Cyan (2%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5471, 34.2395, 24.4009 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 30.5471, 34.2395, 24.4009 by changing the saturation by 10% instead.

■ 30.5471, 34.2395,
24.4009

■ 30.5471, 34.2395,
24.4009

296.3106,
321.1987, 288.1926

■ 20.4044, 23.0777,
15.4163

■ 59.9070, 66.3059,
51.6356

■ 12.7993, 14.6509,
8.9622

■ 79.8549, 87.9793,
70.7229

■ 7.3665, 8.5747,
4.6201

■ 103.8019,
113.9253, 94.0148

■ 3.7407, 4.4648,
1.9713

132.1133,
144.5284, 121.9298

■ 1.5565, 1.9368,
0.5376

165.1546,
180.1728, 154.8866

■ 0.3638, 0.5704,
0.0000

203.2909,

■ 0.0000, 0.0000,

221.2431, 193.3036

0.0000

246.8879,
268.1236, 237.5995

■ 30.5471, 34.2395,
24.4009

■ 30.5471, 34.2395,
24.4009

■ 29.3384, 33.7268,
19.4037

■ 31.9272, 34.8234,
30.2779

■ 28.2905, 33.2776,
15.2418

■ 33.4836, 35.4770,
37.0718

■ 27.3955, 32.8899,
11.8703

■ 35.2241, 36.2046,
44.8205

■ 26.6438, 32.5599,
9.2390

■ 37.1555, 37.0088,
53.5589

■ 26.0250, 32.2834,
7.2920

■ 39.2841, 37.8923,
63.3202

■ 25.5269, 32.0554,
5.9657

■ 41.6157, 38.8573,
74.1360

■ 25.1350, 31.8703,
5.1843

■ 44.1564, 39.9063,
86.0367

■ 24.8811, 31.7472,
4.8165

■ 46.9115, 41.0414,
99.0513

■ 47.3925, 41.2672,
100.0752

Harmonies

Analogous

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



33.3574, 34.2395, 23.6953



30.5471, 34.2395, 24.4009



28.3951, 34.2395, 28.2791

Triad

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



30.5471, 34.2395, 24.4009



29.2264, 34.2395, 51.1374



38.3320, 34.2395, 39.6407

Complementary

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



30.5471, 34.2395, 24.4009



22.6700, 21.8305, 36.7390

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.



37.0777, 34.2395, 48.0153



30.5471, 34.2395, 24.4009



31.7431, 34.2395, 55.2642

Square

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



30.5471, 34.2395, 24.4009



27.6645, 34.2395, 43.4301



34.6253, 34.2395, 54.0445



37.9651, 34.2395, 31.7416

Rectangle

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



30.5471, 34.2395, 24.4009



27.5689, 34.2395, 32.5016



34.6253, 34.2395, 54.0445



38.0835, 34.2395, 42.5074

Sweetspot

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



30.5480, 34.2410, 24.4016



58.5931, 62.9582, 60.3760



26.1199, 24.4970, 22.7542



12.8175, 13.7939, 13.0982



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.5480, 34.2410, 24.4016



53.5542, 60.8307, 38.9015



27.2630, 32.5475, 24.2479



7.5909, 8.2071, 7.5641



19.8872, 25.3627, 3.8473



0.4338, 0.5411, 0.0816

Inverse Universe

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



22.6700, 21.8305, 36.7390



36.8275, 34.4778, 65.1004



25.6218, 23.3522, 36.8771



6.7527, 6.8869, 8.8765



5.2913, 2.1342, 27.0628



0.1266, 0.0528, 0.5694

Previews

White Background



This preview shows how the XYZ color 30.5471, 34.2395, 24.4009 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 30.5471, 34.2395, 24.4009 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

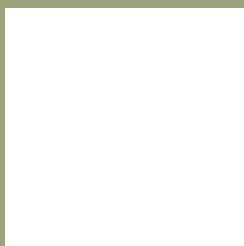
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5471, 34.2395, 24.4009

Background



This preview shows how black text looks on a background with the XYZ color 30.5471, 34.2395, 24.4009.



This preview shows how white text looks on a background with the XYZ color 30.5471, 34.2395,

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

30.5471, 34.2395, 24.4009

Protanopia

32.0134, 34.2338, 23.9893

Deuteranopia

34.8262, 34.1791, 24.8404



Tritanopia

34.0991, 34.1624, 41.8426

Trichromacy



Original Color

30.5471, 34.2395, 24.4009

Protanomaly

31.3461, 34.1440, 24.0071

Deuteranomaly

33.1664, 34.0630, 24.5654

Tritanomaly

32.6248, 34.0623, 34.5609

Monochromacy



Original Color

30.5471, 34.2395, 24.4009

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2423, 33.6662, 31.6396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5471, 34.2395, 24.4009 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(158, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 125)  
}
```

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(158, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.5471, 34.2395, 24.4009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

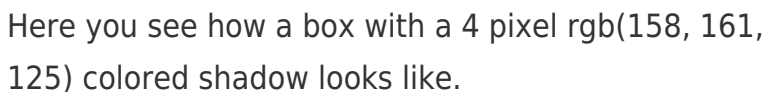
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 161, 125) }
```


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

```
.border{ border-color:rgb(158, 161, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 161, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 161, 125); box-shadow:4px 4px 4px 4px rgb(158, 161, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5471, 34.2395, 24.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 125) }
```

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

```
.background{ background-color: rgb(158,  
161, 125) }
```

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