

Converting Colors

XYZ(30.5845, 29.0224, 24.4120)

Have a look what the booklet for
XYZ(30.5845, 29.0224, 24.4120)
contains.

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Color

**XYZ(30.5845, 29.0224,
24.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8B80
RGB	174, 139, 128
RGB Percent	68%, 55%, 50%
CMY	0.3176, 0.4549, 0.4980
CMYK	0.00, 0.20, 0.26, 0.32
HSL	14°, 22%, 59%
HSV	14°, 26%, 68%
XYZ	30.5845, 29.0224, 24.4120
YIQ	148.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

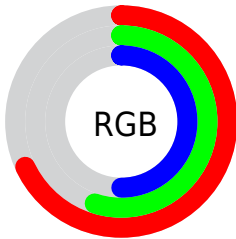
Format	Color
RYB	174, 142, 128
Decimal	11438976
CIELab	60.80, 11.59, 10.92
CIELCh	61, 15.920, 43.287
Yxy	29.0224, 0.3640, 0.3454
Android (android.graphics.Color)	4289629056 (0xFFAE8B80)
YUV	148.2110, -9.9640, 22.6170
Hunter-Lab	53.8724, 7.0614, 10.8438

Details

The XYZ color **30.5845, 29.0224, 24.4120** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.6390, 33.8388, 45.0141**, and the grayscale version is **28.2702, 29.7424, 32.3895**.

A 20% lighter version of the original color is **60.0436, 58.2991, 51.8043**, and **12.8688, 11.7742, 8.9915** is the 20% darker color. If you saturate the color by 10%, you get **27.7340, 24.9997, 18.2877**, and if you desaturate by 10%, it is **33.8651, 33.5906, 31.6493**.

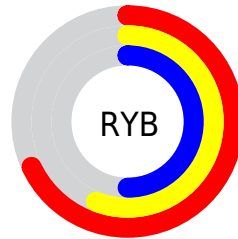
Distribution



Red (68%)

Green (55%)

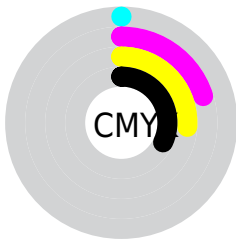
Blue (50%)



Red (68%)

Yellow (56%)

Blue (50%)

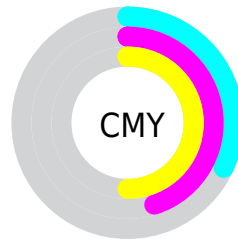


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5845, 29.0224, 24.4120 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 30.5845, 29.0224, 24.4120 by changing the saturation by 10% instead.

■ 30.5845, 29.0224,
24.4120

■ 30.5845, 29.0224,
24.4120

296.4807,
297.3206, 288.2502

■ 20.4329, 19.0978,
15.4245

■ 59.9656, 58.1127,
51.6539

■ 12.8202, 11.7409,
8.9679

■ 79.9259, 78.0471,
70.7454

■ 7.3810, 6.5675,
4.6237

■ 103.8864,
102.0869, 94.0420

■ 3.7499, 3.1931,
1.9734

132.2126,
130.6165, 121.9623

■ 1.5617, 1.2334,
0.5388

165.2697,
164.0203, 154.9246

■ 0.3672, 0.0887,
0.0000

203.4232,

■ 0.0000, 0.0000,

202.6826, 193.3477

0.0000

247.0384,
246.9880, 237.6501

■ 30.5845, 29.0224,
24.4120

■ 30.5845, 29.0224,
24.4120

■ 27.7340, 24.9997,
18.2877

■ 33.8651, 33.5906,
31.6493

■ 25.2930, 21.4979,
13.2191

■ 37.5907, 38.7198,
40.0495

■ 23.2427, 18.4966,
9.1464

■ 41.7781, 44.4295,
49.6614

■ 21.5616, 15.9723,
6.0032

■ 46.4428, 50.7376,
60.5309

■ 20.2263, 13.8996,
3.7147

■ 51.5994, 57.6606,
72.7010

■ 19.2102, 12.2506,
2.1946

■ 57.2619, 65.2149,
86.2130

■ 18.4799, 10.9929,
1.3259

■ 63.4437, 73.4160,
101.1063

■ 18.2703, 10.6279,
1.0884

■ 68.1302, 81.4678,
106.7418

■ 71.2657, 87.7387,
107.7869

Harmonies

Analogous

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



31.6423, 29.0224, 29.0526



30.5845, 29.0224, 24.4120



28.7453, 29.0224, 21.8929

Triad

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



30.5845, 29.0224, 24.4120



23.9461, 29.0224, 28.4348



28.5098, 29.0224, 44.0417

Complementary

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



30.5845, 29.0224, 24.4120



29.6390, 33.8388, 45.0141

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.



26.4562, 29.0224, 43.8221



30.5845, 29.0224, 24.4120



23.8901, 29.0224, 34.2931

Square

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



30.5845, 29.0224, 24.4120



24.9451, 29.0224, 24.0086



24.7882, 29.0224, 40.0774



30.4047, 29.0224, 40.6445

Rectangle

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



30.5845, 29.0224, 24.4120



27.3573, 29.0224, 21.5326



24.7882, 29.0224, 40.0774



27.8138, 29.0224, 44.4000

Sweetspot

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



30.5853, 29.0237, 24.4126



66.9746, 68.5734, 69.8940



31.8099, 27.0913, 38.3287



14.6555, 14.9249, 15.0128



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.



30.5853, 29.0237, 24.4126



52.2178, 48.0568, 37.2381



34.2256, 36.3043, 25.6260



8.1550, 8.3149, 8.3885



13.2912, 7.7878, 0.8027



0.4118, 0.3007, 0.0363

Inverse Universe

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



29.6390, 33.8388, 45.0141



50.1894, 58.3306, 81.2505



25.9595, 26.4798, 43.7876



8.0716, 8.7425, 10.2147



11.6109, 14.3557, 31.2035



0.3618, 0.4770, 0.8810

Previews

White Background



This preview shows how the XYZ color 30.5845, 29.0224, 24.4120 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 30.5845, 29.0224, 24.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

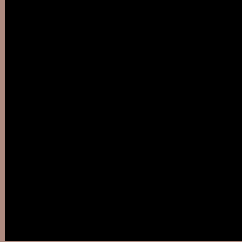
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5845, 29.0224, 24.4120

Background



This preview shows how black text looks on a background with the XYZ color 30.5845, 29.0224, 24.4120.



This preview shows how white text looks on a background with the XYZ color 30.5845, 29.0224,

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

30.5845, 29.0224, 24.4120

Protanopia

27.5806, 28.9960, 25.9729

Deuteranopia

29.5696, 28.9331, 24.4482



Tritanopia

31.9751, 28.9450, 31.5054

Trichromacy



Original Color

30.5845, 29.0224, 24.4120

Protanomaly

28.6171, 28.8607, 25.5351

Deuteranomaly

29.8519, 28.8607, 24.4194

Tritanomaly

31.3585, 28.8987, 28.7362

Monochromacy



Original Color

30.5845, 29.0224, 24.4120

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8377, 29.3420, 29.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5845, 29.0224, 24.4120 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(174, 139, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 139, 128)  
}
```

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(174, 139, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 139, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.5845, 29.0224, 24.4120 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(174, 139, 128) }
```


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

```
.border{ border-color:rgb(174, 139, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 139, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 139, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 139, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 139,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5845, 29.0224, 24.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 139, 128) }
```

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

```
.background{ background-color: rgb(174,  
139, 128) }
```

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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