

Converting Colors

XYZ(35.9982, 30.4957, 20.0548)

Have a look what the booklet for
XYZ(35.9982, 30.4957, 20.0548)
contains.

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Color

**XYZ(35.9171, 30.4139,
19.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8472
RGB	203, 132, 114
RGB Percent	80%, 52%, 45%
CMY	0.2039, 0.4823, 0.5529
CMYK	0.00, 0.35, 0.44, 0.20
HSL	12°, 46%, 62%
HSV	12°, 44%, 80%
XYZ	35.9171, 30.4139, 19.8970
YIQ	151.1770, 48.0940, 9.4540

Conversions

Conversions Part 2

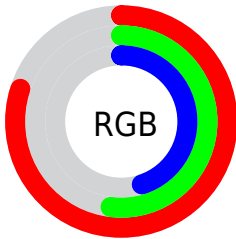
Format	Color
R _Y B	203, 137, 114
Decimal	13337714
CIE Lab	62.01, 25.24, 21.01
CIE LCh	62, 32.835, 39.772
Yxy	30.4139, 0.4165, 0.3527
Android (android.graphics.Color)	4291527794 (0xFFCB8472)
YUV	151.1770, -18.3283, 45.4488
Hunter-Lab	55.1488, 19.7424, 17.2131

Details

The XYZ color **35.9171, 30.4139, 19.8970** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0671, 42.5853, 62.8714**, and the grayscale version is **29.5535, 31.0926, 33.8598**.

A 20% lighter version of the original color is **65.6818, 59.1310, 44.0280**, and **15.8547, 12.5389, 6.7389** is the 20% darker color. If you saturate the color by 10%, you get **32.8593, 25.9468, 13.7958**, and if you desaturate by 10%, it is **39.5738, 35.6683, 27.4634**.

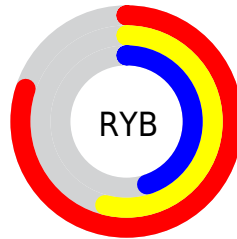
Distribution



Red (80%)

Green (52%)

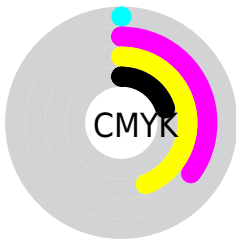
Blue (45%)



Red (80%)

Yellow (54%)

Blue (45%)

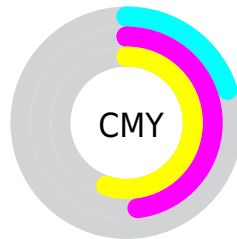


Cyan (0%)

Magenta (35%)

Yellow (44%)

Black (20%)



Cyan (20%)


Magenta (48%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9171, 30.4139, 19.8970 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 35.9171, 30.4139, 19.8970 by changing the saturation by 10% instead.


 35.9171, 30.4139,
19.8970


 35.9171, 30.4139,
19.8970


320.0356,
303.8290, 263.9427


 24.5400, 20.1530,
12.1369


 68.2288, 60.3161,
44.1011


 15.8616, 12.5063,
6.7133


 89.8941, 80.7262,
61.3822

 9.5165, 7.0895,
3.2077


 115.7195,
105.2881, 82.6740

 5.1394, 3.5181,
1.2017

 146.0704,
134.3862, 108.3951

 2.3649, 1.4078,
0.0000

181.3121,
168.4050, 138.9639

 0.8275, 0.2225,
0.0000

221.8099,

 0.0000, 0.0000,

207.7288, 174.7991

0.0000

267.9293,
252.7420, 216.3192

■ 35.9171, 30.4139,
19.8970

■ 35.9171, 30.4139,
19.8970

■ 32.8593, 25.9468,
13.7958

■ 39.5738, 35.6683,
27.4634

■ 30.3652, 22.2242,
9.0626

■ 43.8572, 41.7411,
36.5803

■ 28.3994, 19.2063,
5.5907


■ 48.7964, 48.6671,
47.3283


■ 26.9213, 16.8471,
3.2572


■ 54.4177, 56.4778,
59.7822


■ 25.8835, 15.0953,
1.9136

■ 60.7460, 65.2030,
74.0118

 25.4238, 14.2870,
1.4177

 67.8050, 74.8712,
90.0832

 75.4396, 85.4385,
107.1229

 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



38.0820, 30.4139, 29.1673



35.9171, 30.4139, 19.8970



31.9355, 30.4139, 15.1732

Triad

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



35.9171, 30.4139, 19.8970



21.6672, 30.4139, 25.4178



30.3688, 30.4139, 63.2283

Complementary

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



35.9171, 30.4139, 19.8970



35.0671, 42.5853, 62.8714

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.



26.0772, 30.4139, 61.4840



35.9171, 30.4139, 19.8970



21.3392, 30.4139, 37.4049

Square

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



35.9171, 30.4139, 19.8970



23.8213, 30.4139, 17.7536



22.8749, 30.4139, 51.1805



34.6706, 30.4139, 55.4729

Rectangle

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



35.9171, 30.4139, 19.8970



28.9412, 30.4139, 14.3015



22.8749, 30.4139, 51.1805



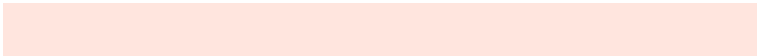
28.8738, 30.4139, 63.7711

Sweetspot

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



35.9179, 30.4154, 19.8976



82.3014, 82.3192, 80.5533



39.4241, 28.2426, 49.3832



17.1954, 17.0326, 16.3188



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.9179, 30.4154, 19.8976



55.0845, 43.5392, 23.2222



43.2501, 45.0799, 22.3417



11.3931, 11.5751, 11.7132



16.2322, 9.1974, 0.9197



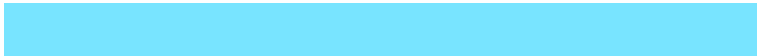
0.8926, 0.5848, 0.0658

Inverse Universe

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



35.0671, 42.5853, 62.8714



53.4247, 66.5019, 104.6281



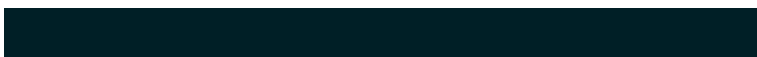
27.1998, 26.8509, 60.2490



11.3430, 12.3265, 14.3518



15.1410, 19.3060, 38.8847



0.8312, 1.0962, 2.0227

Previews

White Background



This preview shows how the XYZ color 35.9171, 30.4139, 19.8970 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 35.9171, 30.4139, 19.8970 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 35.9171, 30.4139, 19.8970

Background



This preview shows how black text looks on a background with the XYZ color 35.9171, 30.4139, 19.8970.



This preview shows how white text looks on a background with the XYZ color 35.9171, 30.4139,

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

35.9171, 30.4139, 19.8970

Protanopia

28.7173, 30.5888, 22.8030

Deuteranopia

31.0294, 30.4635, 19.5739



Tritanopia

37.6145, 30.5146, 27.9522

Trichromacy



Original Color

35.9171, 30.4139, 19.8970

Protanomaly

30.8314, 30.0908, 21.6359

Deuteranomaly

32.6084, 30.3875, 19.7695

Tritanomaly

36.8469, 30.3876, 24.6922

Monochromacy



Original Color

35.9171, 30.4139, 19.8970

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.1383, 30.3275, 28.2574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9171, 30.4139, 19.8970 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(203, 132, 114)` looks like.

```
.text, #text, p{  
    color:rgb(203, 132, 114)  
}
```

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(203, 132, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 132, 114) }
```

Border

The CSS property to change the border of an element to XYZ 35.9171, 30.4139, 19.8970 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(203, 132, 114) }
```


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

```
.border{ border-color:rgb(203, 132, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 132, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 132, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 132, 114);  
box-shadow:4px 4px 4px 4px rgb(203, 132,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9171, 30.4139, 19.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 132, 114) }
```

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

```
.background{ background-color: rgb(203,  
132, 114) }
```

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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