

Converting Colors

XYZ(32.0700, 30.1023, 29.7399)

Have a look what the booklet for
XYZ(32.0700, 30.1023, 29.7399)
contains.

XYZ(32.0866, 30.1167, 29.7131)	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(32.0866, 30.1167,
29.7131)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8D8E
RGB	175, 141, 142
RGB Percent	69%, 55%, 56%
CMY	0.3137, 0.4470, 0.4431
CMYK	0.00, 0.19, 0.19, 0.31
HSL	358°, 18%, 62%
HSV	358°, 19%, 69%
XYZ	32.0866, 30.1167, 29.7131
YIQ	151.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

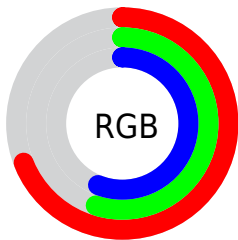
Format	Color
R _{YB}	175, 141, 142
Decimal	11505038
CIE _{Lab}	61.75, 13.00, 4.33
CIE _{LCh}	62, 13.703, 18.440
Yxy	30.1167, 0.3491, 0.3277
Android (android.graphics.Color)	4289695118 (0xFFAF8D8E)
YUV	151.2800, -4.5750, 20.8024
Hunter-Lab	54.8787, 8.3281, 6.3135

Details

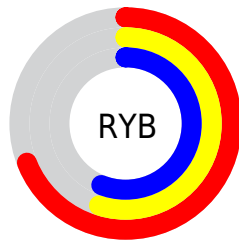
The XYZ color **32.0866, 30.1167, 29.7131** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9557, 39.3795, 45.8578**, and the grayscale version is **29.5490, 31.0879, 33.8547**.

A 20% lighter version of the original color is **62.4339, 60.0047, 60.5160**, and **13.6989, 12.3925, 11.7952** is the 20% darker color. If you saturate the color by 10%, you get **28.5276, 24.8864, 22.7067**, and if you desaturate by 10%, it is **36.2494, 36.2430, 37.8804**.

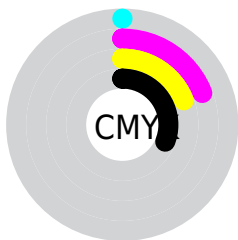
Distribution



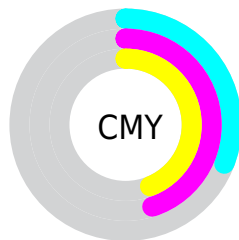
- Red (69%)
- Green (55%)
- Blue (56%)



- Red (69%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (31%)



- Cyan (31%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0866, 30.1167, 29.7131 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 32.0866, 30.1167, 29.7131 by changing the saturation by 10% instead.

■ 32.0866, 30.1167,
29.7131

■ 32.0866, 30.1167,
29.7131

303.2518,
302.4480, 314.7304

■ 21.5835, 19.9272,
19.3707

■ 62.3111, 59.8467,
60.2638

■ 13.6661, 12.3421,
11.7589

■ 82.7632, 80.1559,
81.3092

■ 7.9689, 6.9771,
6.4592

■ 107.2624,
104.6072, 106.7594

■ 4.1267, 3.4478,
3.0530

136.1741,
133.5850, 137.0328

■ 1.7741, 1.3697,
1.1218

169.8635,
167.4735, 172.5481

■ 0.5020, 0.1943,
0.0000

208.6960,

■ 0.0000, 0.0000,

206.6573, 213.7238

0.0000

253.0370,
251.5206, 260.9784

■ 32.0866, 30.1167,
29.7131

■ 32.0866, 30.1167,
29.7131

■ 28.5276, 24.8864,
22.7067

■ 36.2494, 36.2430,
37.8804

■ 25.5420, 20.5062,
16.8068

■ 41.0396, 43.3000,
47.2560

■ 23.1007, 16.9325,
11.9573

■ 46.4824, 51.3260,
57.8868

■ 21.1707, 14.1161,
8.0968

■ 52.6013, 60.3554,
69.8168

■ 19.7157, 12.0025,
5.1571

■ 59.4181, 70.4214,
83.0877

■ 18.6947, 10.5298,
3.0617

■ 66.9540, 81.5554,
97.7396

■ 18.0595, 9.6254,
1.7215

■ 71.4894, 87.8541,
107.7974

■ 17.7237, 9.1492,
1.0071

■ 17.7075, 9.1253,
0.9754

Harmonies

Analogous

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



32.2044, 30.1167, 34.8485



32.0866, 30.1167, 29.7131



31.0180, 30.1167, 25.8288

Triad

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



32.0866, 30.1167, 29.7131



26.0774, 30.1167, 26.5634



27.9272, 30.1167, 43.6627

Complementary

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



32.0866, 30.1167, 29.7131



33.9557, 39.3795, 45.8578

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.



26.3584, 30.1167, 40.9060



32.0866, 30.1167, 29.7131



25.3212, 30.1167, 30.8180

Square

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



32.0866, 30.1167, 29.7131



27.5288, 30.1167, 24.1481



25.4218, 30.1167, 36.0765



29.7500, 30.1167, 43.2857

Rectangle

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



32.0866, 30.1167, 29.7131



29.9347, 30.1167, 24.3011



25.4218, 30.1167, 36.0765



27.3541, 30.1167, 43.0608

Sweetspot

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



32.0874, 30.1181, 29.7137



67.6443, 68.9203, 73.1769



34.6895, 31.1296, 44.7381



14.9171, 15.1450, 16.0340



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.



32.0874, 30.1181, 29.7137



54.8088, 50.0318, 47.9890



34.5223, 35.1070, 30.1578



8.0144, 8.0190, 8.3867



12.6848, 6.5365, 0.7198



0.3559, 0.1830, 0.0359

Inverse Universe

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



32.0874, 30.1181, 29.7137



54.8088, 50.0318, 47.9890



31.1447, 33.6012, 45.4021



8.0144, 8.0190, 8.3867



12.6848, 6.5365, 0.7198



0.3559, 0.1830, 0.0359

Previews

White Background



This preview shows how the XYZ color 32.0866, 30.1167, 29.7131 looks on a white background.

Color Contrast Check

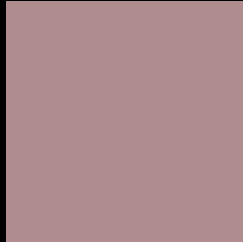
Large Text (above 18pt) WCAG AA × Fail

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 32.0866, 30.1167, 29.7131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

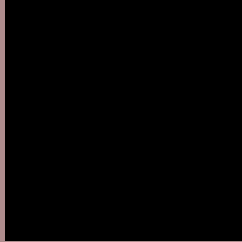
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0866, 30.1167, 29.7131

Background



This preview shows how black text looks on a background with the XYZ color 32.0866, 30.1167, 29.7131.



This preview shows how white text looks on a background with the XYZ color 32.0866, 30.1167,

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

32.0866, 30.1167, 29.7131

Protanopia

29.0726, 30.3425, 31.5185

Deuteranopia

30.7173, 30.0851, 29.3873



Tritanopia

32.8685, 30.2206, 33.3790

Trichromacy



Original Color

32.0866, 30.1167, 29.7131

Protanomaly

30.0877, 30.1792, 31.0274

Deuteranomaly

31.2077, 30.1141, 29.3671

Tritanomaly

32.6279, 30.1244, 32.1119

Monochromacy



Original Color

32.0866, 30.1167, 29.7131

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2762, 30.4791, 32.3043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0866, 30.1167, 29.7131 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(175, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(175, 141, 142)  
}
```

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(175, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 141, 142) }
```

Border

The CSS property to change the border of an element to XYZ 32.0866, 30.1167, 29.7131 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(175, 141, 142) }
```


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

```
.border{ border-color:rgb(175, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 141, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 141, 142); box-shadow:4px 4px 4px 4px rgb(175, 141, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0866, 30.1167, 29.7131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 141, 142) }
```

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

```
.background{ background-color: rgb(175,  
141, 142) }
```

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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