

Converting Colors

XYZ(30.3934, 31.0257, 10.3479)

Have a look what the booklet for
XYZ(30.3934, 31.0257, 10.3479)
contains.

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Color

**XYZ(30.3934, 31.0257,
10.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	B49347
RGB	180, 147, 71
RGB Percent	71%, 58%, 28%
CMY	0.2941, 0.4235, 0.7216
CMYK	0.00, 0.18, 0.61, 0.29
HSL	42°, 43%, 49%
HSV	42°, 61%, 71%
XYZ	30.3934, 31.0257, 10.3479
YIQ	148.2030, 44.0640, -16.6400

Conversions

Conversions Part 2

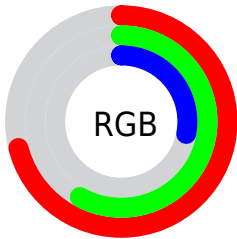
Format	Color
RYB	118, 180, 71
Decimal	11834183
CIELab	62.53, 3.43, 44.13
CIELCh	63, 44.258, 85.561
Yxy	31.0257, 0.4235, 0.4323
Android (android.graphics.Color)	4290024263 (0xFFB49347)
YUV	148.2030, -38.0611, 27.8860
Hunter-Lab	55.7007, -0.0768, 27.9758

Details

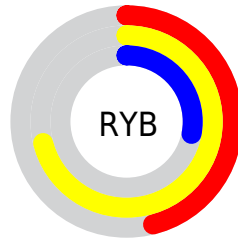
The XYZ color **30.3934, 31.0257, 10.3479** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **15.7868, 14.5348, 45.1531**, and the grayscale version is **28.3749, 29.8526, 32.5095**.

A 20% lighter version of the original color is **59.6594, 61.3556, 27.1108**, and **12.7131, 12.8850, 2.4788** is the 20% darker color. If you saturate the color by 10%, you get **29.0720, 29.1745, 7.4674**, and if you desaturate by 10%, it is **31.9275, 33.0286, 14.1441**.

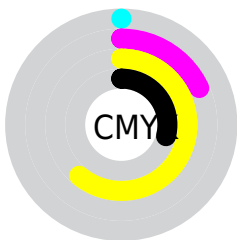
Distribution



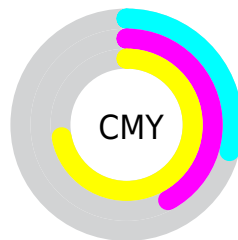
- Red (71%)
- Green (58%)
- Blue (28%)



- Red (46%)
- Yellow (71%)
- Blue (28%)



- Cyan (0%)
- Magenta (18%)
- Yellow (61%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3934, 31.0257, 10.3479 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 30.3934, 31.0257, 10.3479 by changing the saturation by 10% instead.


 30.3934, 31.0257,
10.3479


 30.3934, 31.0257,
10.3479


295.6109,
306.6567, 203.7116


 20.2869, 20.6184,
5.5216


 59.6661, 61.2805,
27.0658


 12.7133, 12.8454,
2.4924


 79.5631, 81.8969,
39.7945


 7.3070, 7.3222,
0.8361


 103.4543,
106.6850, 55.9945

 3.7029, 3.6644,
0.0000

 131.7051,
136.0294, 76.0842

 1.5355, 1.4876,
0.0000

 164.6807,
170.3143, 100.4822

 0.3498, 0.2800,
0.0000

202.7467,

 0.0000, 0.0000,

209.9243, 129.6071

0.0000

246.2683,
255.2436, 163.8774

■ 30.3934, 31.0257,
10.3479

■ 30.3934, 31.0257,
10.3479

■ 29.0720, 29.1745,
7.4674

■ 31.9275, 33.0286,
14.1441

■ 27.9450, 27.4632,
5.4184

■ 33.6864, 35.1853,
18.9265

■ 26.9940, 25.8848,
4.1039

■ 35.6837, 37.5032,
24.7608

■ 26.2208, 24.5005,
3.3471

■ 37.9311, 39.9880,
31.7066

■ 40.4395, 42.6447,
39.8189

■ 43.2193, 45.4784,
49.1491

■ 46.2800, 48.4936,
59.7453

■ 49.6307, 51.6947,
71.6533

■ 53.2801, 55.0859,
84.9165

Harmonies

Analogous

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



36.5263, 31.0257, 13.1639



30.3934, 31.0257, 10.3479



24.7743, 31.0257, 11.8428

Triad

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



30.3934, 31.0257, 10.3479



20.2363, 31.0257, 50.1861



40.0946, 31.0257, 56.1933

Complementary

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



30.3934, 31.0257, 10.3479



15.7868, 14.5348, 45.1531

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.



34.7668, 31.0257, 73.3465



30.3934, 31.0257, 10.3479



23.4191, 31.0257, 69.1306

Square

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



30.3934, 31.0257, 10.3479



19.3945, 31.0257, 31.2819



28.6027, 31.0257, 78.7436



42.5903, 31.0257, 36.4112

Rectangle

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



30.3934, 31.0257, 10.3479



21.9770, 31.0257, 15.4907



28.6027, 31.0257, 78.7436



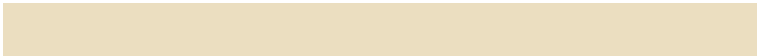
38.5430, 31.0257, 62.6897

Sweetspot

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



30.3941, 31.0272, 10.3485



69.7575, 73.5620, 60.6078



23.6521, 15.2406, 15.1997



14.8071, 15.6084, 12.2419



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.3941, 31.0272, 10.3485



51.9196, 51.7245, 12.0003



31.9590, 40.5725, 12.1085



8.9756, 9.4637, 9.0061



18.3619, 17.2223, 2.3565



0.6261, 0.6386, 0.0903

Inverse Universe

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



15.7868, 14.5348, 45.1531



23.1611, 19.3464, 80.8081



14.8044, 10.0254, 44.3344



8.2448, 8.6357, 10.7386



6.7391, 4.2785, 30.6076



0.2647, 0.2399, 0.9806

Previews

White Background



This preview shows how the XYZ color 30.3934, 31.0257, 10.3479 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 30.3934, 31.0257, 10.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

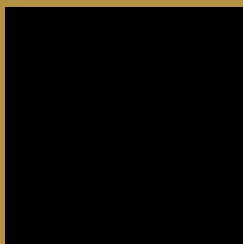
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3934, 31.0257, 10.3479

Background



This preview shows how black text looks on a background with the XYZ color 30.3934, 31.0257, 10.3479.



This preview shows how white text looks on a background with the XYZ color 30.3934, 31.0257,

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

30.3934, 31.0257, 10.3479

Protanopia

28.5464, 31.2492, 10.6580

Deuteranopia

31.6365, 30.9792, 10.4431



Tritanopia

34.7630, 30.7860, 32.5439

Trichromacy



Original Color

30.3934, 31.0257, 10.3479

Protanomaly

29.0893, 31.0512, 10.5912

Deuteranomaly

31.0623, 30.9090, 10.4598

Tritanomaly

32.7432, 30.6206, 22.2738

Monochromacy



Original Color

30.3934, 31.0257, 10.3479

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4773, 30.0095, 22.0608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3934, 31.0257, 10.3479 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(180, 147, 71)` looks like.

```
.text, #text, p{  
    color:rgb(180, 147, 71)  
}
```

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(180, 147, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 147, 71) }
```

Border

The CSS property to change the border of an element to XYZ 30.3934, 31.0257, 10.3479 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(180, 147, 71) }
```


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

```
.border{ border-color:rgb(180, 147, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 147, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 147, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 147, 71);  
box-shadow:4px 4px 4px 4px rgb(180, 147,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3934, 31.0257, 10.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 147, 71) }
```

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

```
.background{ background-color: rgb(180,  
147, 71) }
```

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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