

Converting Colors

XYZ(30.9886, 32.1298, 31.7028)

Have a look what the booklet for
XYZ(30.9886, 32.1298, 31.7028)
contains.

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Color

**XYZ(30.9137, 32.0054,
31.7425)**

Conversions

Conversions Part 1

Format	Color
Hex	A09892
RGB	160, 152, 146
RGB Percent	63%, 60%, 57%
CMY	0.3725, 0.4039, 0.4274
CMYK	0.00, 0.05, 0.09, 0.37
HSL	26°, 7%, 60%
HSV	26°, 9%, 63%
XYZ	30.9137, 32.0054, 31.7425
YIQ	153.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

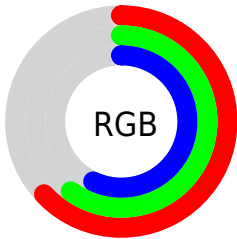
Format	Color
RYB	160, 157, 146
Decimal	10524818
CIELab	63.35, 1.84, 4.19
CIELCh	63, 4.577, 66.303
Yxy	32.0054, 0.3266, 0.3381
Android (android.graphics.Color)	4288714898 (0xFFA09892)
YUV	153.7080, -3.8000, 5.5181
Hunter-Lab	56.5733, -1.4645, 6.3345

Details

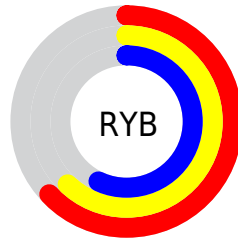
The XYZ color **30.9137, 32.0054, 31.7425** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7546, 31.7595, 37.8198**, and the grayscale version is **30.6020, 32.1957, 35.0611**.

A 20% lighter version of the original color is **60.5210, 62.7598, 63.5676**, and **13.0717, 13.4031, 12.9644** is the 20% darker color. If you saturate the color by 10%, you get **28.3288, 28.6898, 25.1641**, and if you desaturate by 10%, it is **33.7889, 35.6221, 39.2779**.

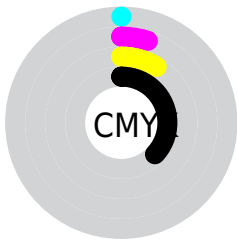
Distribution



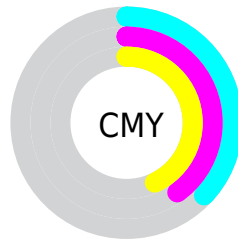
- Red (63%)
- Green (60%)
- Blue (57%)



- Red (63%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (37%)



- Cyan (37%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9137, 32.0054, 31.7425 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 30.9137, 32.0054, 31.7425 by changing the saturation by 10% instead.

■ 30.9137, 32.0054,
31.7425

■ 30.9137, 32.0054,
31.7425

297.9745,
311.1439, 324.4011

■ 20.6846, 21.3656,
20.9017

■ 60.4809, 62.8196,
63.5004

■ 13.0048, 13.3915,
12.8616

■ 80.5498, 83.7627,
85.2546

■ 7.5089, 7.6987,
7.2037

104.6294,
108.9091, 111.4837

■ 3.8315, 3.9028,
3.5095

133.0850,
138.6432, 142.6061

■ 1.6072, 1.6193,
1.3603

166.2819,
173.3493, 179.0406

■ 0.3971, 0.3706,
0.1105

204.5856,

■ 0.0000, 0.0000,

213.4119, 221.2055

0.0000

248.3613,
259.2152, 269.5195

■ 30.9137, 32.0054,
31.7425

■ 30.9137, 32.0054,
31.7425

■ 28.3288, 28.6898,
25.1641

■ 33.7889, 35.6221,
39.2779

■ 26.0219, 25.6631,
19.5019

■ 36.9610, 39.5435,
47.8048

■ 23.9834, 22.9183,
14.7152

■ 40.4397, 43.7781,
57.3583

■ 22.2022, 20.4467,
10.7593

■ 44.2335, 48.3332,
67.9716

■ 20.6666, 18.2388,
7.5856

■ 48.3504, 53.2157,
79.6758

■ 19.3634, 16.2847,
5.1404

■ 52.7983, 58.4320,
92.5013

■ 18.2782, 14.5736,
3.3631

■ 57.0975, 63.7940,
103.9119

■ 17.3946, 13.0936,
2.1828

■ 59.5041, 68.6073,
104.7141

■ 16.6829, 11.8274,
1.4611

■ 62.0430, 73.6851,
105.5604

Harmonies

Analogous

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



31.4152, 32.0054, 32.8182



30.9137, 32.0054, 31.7425



30.2863, 32.0054, 31.4859

Triad

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



30.9137, 32.0054, 31.7425



29.2222, 32.0054, 35.2339



31.1491, 32.0054, 37.7442

Complementary

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



30.9137, 32.0054, 31.7425



29.7546, 31.7595, 37.8198

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.



30.5545, 32.0054, 38.4422



30.9137, 32.0054, 31.7425



29.4464, 32.0054, 36.9608

Square

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



30.9137, 32.0054, 31.7425



29.3154, 32.0054, 33.4614



29.9319, 32.0054, 38.1507



31.5524, 32.0054, 36.2733

Rectangle

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



30.9137, 32.0054, 31.7425



29.8821, 32.0054, 31.8057



29.9319, 32.0054, 38.1507



30.9646, 32.0054, 38.0793

Sweetspot

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



30.9146, 32.0068, 31.7432



59.0369, 61.7838, 65.2058



30.6230, 30.3704, 34.8931



12.8583, 13.4378, 14.0662



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.



30.9146, 32.0068, 31.7432



55.4222, 57.2125, 55.8065



32.0552, 34.2881, 32.1234



6.8552, 7.0905, 6.9930



12.9743, 9.1843, 1.0889



0.2731, 0.2465, 0.0332

Inverse Universe

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



29.7546, 31.7595, 37.8198



52.9921, 56.6944, 68.5367



28.6593, 29.5689, 37.4547



6.5834, 7.0325, 8.4171



7.9275, 7.9465, 27.0232



0.1832, 0.2251, 0.4970

Previews

White Background



This preview shows how the XYZ color 30.9137, 32.0054, 31.7425 looks on a white background.

Color Contrast Check

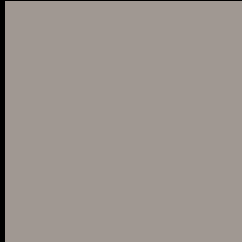
Large Text (above 18pt) WCAG AA × Fail

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 30.9137, 32.0054, 31.7425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

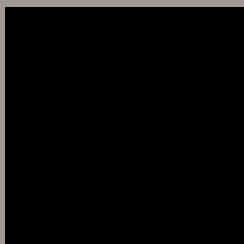
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

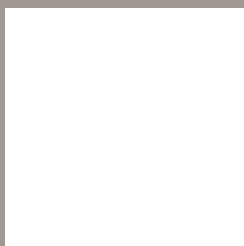
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9137, 32.0054, 31.7425

Background



This preview shows how black text looks on a background with the XYZ color 30.9137, 32.0054, 31.7425.



This preview shows how white text looks on a background with the XYZ color 30.9137, 32.0054,

31.7425.

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

30.9137, 32.0054, 31.7425

Protanopia

30.6801, 32.1269, 31.7782

Deuteranopia

32.6510, 31.9443, 32.0487



Tritanopia

32.2397, 32.0673, 38.2086

Trichromacy



Original Color

30.9137, 32.0054, 31.7425

Protanomaly

30.8776, 32.2287, 31.7875

Deuteranomaly

31.9503, 31.8170, 32.0611

Tritanomaly

31.7653, 32.1106, 35.9762

Monochromacy



Original Color

30.9137, 32.0054, 31.7425

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.6874, 32.0848, 33.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9137, 32.0054, 31.7425 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(160, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 146)  
}
```

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(160, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.9137, 32.0054, 31.7425 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(160, 152, 146) }
```


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

```
.border{ border-color:rgb(160, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(160, 152,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9137, 32.0054, 31.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 152, 146) }
```

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

```
.background{ background-color: rgb(160,  
152, 146) }
```

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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