

Converting Colors

XYZ(39.5205, 37.0733, 32.7943)

Have a look what the booklet for
XYZ(39.5205, 37.0733, 32.7943)
contains.

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Color

**XYZ(39.4935, 37.1514,
32.6932)**

Conversions

Conversions Part 1

Format	Color
Hex	C39B93
RGB	195, 155, 147
RGB Percent	76%, 61%, 58%
CMY	0.2353, 0.3921, 0.4235
CMYK	0.00, 0.21, 0.25, 0.24
HSL	10°, 29%, 67%
HSV	10°, 25%, 76%
XYZ	39.4935, 37.1514, 32.6932
YIQ	166.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

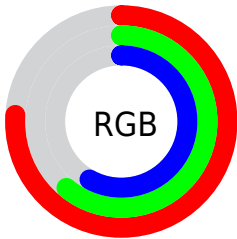
Format	Color
R _Y B	195, 157, 147
Decimal	12819347
CIE Lab	67.39, 13.66, 9.85
CIE LCh	67, 16.845, 35.790
Yxy	37.1514, 0.3612, 0.3398
Android (android.graphics.Color)	4291009427 (0xFFC39B93)
YUV	166.0480, -9.3907, 25.3909
Hunter-Lab	60.9519, 8.9922, 10.8646

Details

The XYZ color **39.4935, 37.1514, 32.6932** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6528, 45.6825, 58.3577**, and the grayscale version is **36.3046, 38.1952, 41.5946**.

A 20% lighter version of the original color is **73.7341, 71.0057, 65.0776**, and **18.0461, 16.4079, 13.2822** is the 20% darker color. If you saturate the color by 10%, you get **35.5667, 31.5423, 24.4641**, and if you desaturate by 10%, it is **44.0456, 43.5954, 42.4113**.

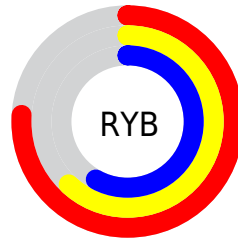
Distribution



Red (76%)

Green (61%)

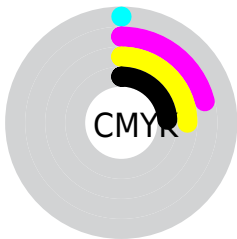
Blue (58%)



Red (76%)

Yellow (62%)

Blue (58%)

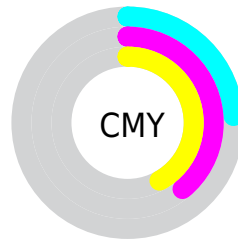


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (24%)



Cyan (24%)


Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4935, 37.1514, 32.6932 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 39.4935, 37.1514, 32.6932 by changing the saturation by 10% instead.


 39.4935, 37.1514,
32.6932


 39.4935, 37.1514,
32.6932


335.1553,
333.9655, 328.8545

 27.3263, 25.3247,
21.6223


 73.6809, 70.8056,
65.0067

 17.9563, 16.3192,
13.3840


 96.4318, 93.4019,
87.0865

 11.0181, 9.7503,
7.5597


123.4412,
120.3568, 113.6729

 6.1464, 5.2337,
3.7308

155.0747,
152.0549, 145.1846

 2.9758, 2.3850,
1.4789

191.6975,
188.8804, 182.0400

 1.1410, 0.8182,
0.2021

233.6749,

 0.0590, 0.0000,

231.2177, 224.6578

0.0000

281.3724,
279.4513, 273.4565

■ 0.0000, 0.0000,
0.0000

■ 39.4935, 37.1514,
32.6932

■ 39.4935, 37.1514,
32.6932

■ 35.5667, 31.5423,
24.4641

■ 44.0456, 43.5954,
42.4113

■ 32.2347, 26.7290,
17.6480

■ 49.2458, 50.9014,
53.6845

■ 29.4689, 22.6767,
12.1656

■ 55.1194, 59.1013,
66.5780

■ 27.2371, 19.3460,
7.9290

■ 61.6895, 68.2243,
81.1524

■ 25.5037, 16.6941,
4.8396

■ 68.9779, 78.2977,
97.4651

■ 24.2288, 14.6732,
2.7836

■ 75.5221, 88.7548,
107.7587

■ 23.3655, 13.2295,
1.6237

■ 76.3158, 90.3422,
108.0233

■ 23.0363, 12.6632,
1.2301

Harmonies

Analogous

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



40.4845, 37.1514, 39.0341



39.4935, 37.1514, 32.6932



37.3866, 37.1514, 28.8201

Triad

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



39.4935, 37.1514, 32.6932



30.9741, 37.1514, 34.8964



35.8145, 37.1514, 56.3104

Complementary

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



39.4935, 37.1514, 32.6932



39.6528, 45.6825, 58.3577

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.



33.3142, 37.1514, 54.8545



39.4935, 37.1514, 32.6932



30.5987, 37.1514, 41.9029

Square

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



39.4935, 37.1514, 32.6932



32.4868, 37.1514, 29.9795



31.4353, 37.1514, 49.3494



38.2950, 37.1514, 53.1159

Rectangle

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



39.4935, 37.1514, 32.6932



35.6770, 37.1514, 27.8639



31.4353, 37.1514, 49.3494



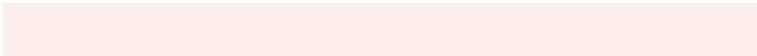
34.9481, 37.1514, 56.3530

Sweetspot

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



39.4945, 37.1531, 32.6940



85.7660, 87.7541, 90.8475



41.9094, 36.0579, 51.7650



18.6525, 19.0358, 19.6134



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.



39.4945, 37.1531, 32.6940



66.4871, 60.4857, 49.6169



43.8926, 45.9492, 34.1600



10.2059, 10.3432, 10.5204



15.0146, 8.3149, 0.8136



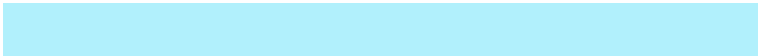
0.6920, 0.4458, 0.0496

Inverse Universe

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



39.6528, 45.6825, 58.3577



66.8163, 78.5856, 104.1167



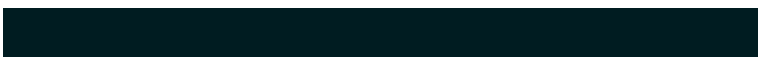
34.9806, 36.3380, 56.8002



10.2210, 11.1333, 12.8951



14.9083, 19.5730, 36.5488



0.6830, 0.9234, 1.5921

Previews

White Background



This preview shows how the XYZ color 39.4935, 37.1514, 32.6932 looks on a white background.

Color Contrast Check

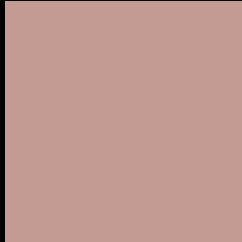
Large Text (above 18pt) WCAG AA × Fail

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 39.4935, 37.1514, 32.6932 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 39.4935, 37.1514, 32.6932

Background



This preview shows how black text looks on a background with the XYZ color 39.4935, 37.1514, 32.6932.



This preview shows how white text looks on a background with the XYZ color 39.4935, 37.1514,

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

39.4935, 37.1514, 32.6932

Protanopia

35.5205, 37.3640, 35.0456

Deuteranopia

37.9087, 37.0938, 32.3560



Tritanopia

40.9550, 37.0071, 40.1065

Trichromacy



Original Color

39.4935, 37.1514, 32.6932

Protanomaly

36.8403, 37.2755, 34.1074

Deuteranomaly

38.4805, 37.1364, 32.3340

Tritanomaly

40.3277, 36.9869, 37.3614

Monochromacy



Original Color

39.4935, 37.1514, 32.6932

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.3098, 37.6910, 38.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4935, 37.1514, 32.6932 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(195, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(195, 155, 147)  
}
```

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(195, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 155, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.4935, 37.1514, 32.6932 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(195, 155, 147) }
```


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

```
.border{ border-color:rgb(195, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(195, 155,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4935, 37.1514, 32.6932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 155, 147) }
```

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

```
.background{ background-color: rgb(195,  
155, 147) }
```

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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