

Converting Colors

XYZ(35.3288, 37.9672, 19.8307)

Have a look what the booklet for
XYZ(35.3288, 37.9672, 19.8307)
contains.

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Color

**XYZ(35.2715, 37.8382,
19.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A56D
RGB	181, 165, 109
RGB Percent	71%, 65%, 43%
CMY	0.2902, 0.3529, 0.5725
CMYK	0.00, 0.09, 0.40, 0.29
HSL	47°, 33%, 57%
HSV	47°, 40%, 71%
XYZ	35.2715, 37.8382, 19.9125
YIQ	163.4000, 27.5120, -14.0240

Conversions

Conversions Part 2

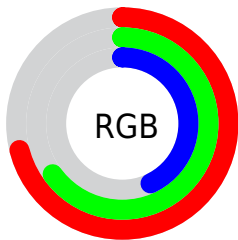
Format	Color
RYB	130, 181, 109
Decimal	11904365
CIELab	67.90, -2.34, 31.13
CIELCh	68, 31.221, 94.292
Yxy	37.8382, 0.3792, 0.4068
Android (android.graphics.Color)	4290094445 (0xFFB5A56D)
YUV	163.4000, -26.8192, 15.4352
Hunter-Lab	61.5128, -5.2952, 23.8660

Details

The XYZ color **35.2715, 37.8382, 19.9125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.9805, 21.2539, 46.6598**, and the grayscale version is **35.1166, 36.9454, 40.2335**.

A 20% lighter version of the original color is **67.2861, 71.9368, 44.0570**, and **15.4731, 16.6485, 6.6729** is the 20% darker color. If you saturate the color by 10%, you get **33.6822, 36.0615, 15.0607**, and if you desaturate by 10%, it is **37.0862, 39.7443, 25.8302**.

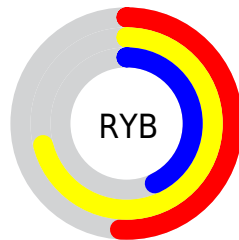
Distribution



Red (71%)

Green (65%)

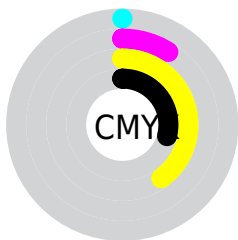
Blue (43%)



Red (51%)

Yellow (71%)

Blue (43%)

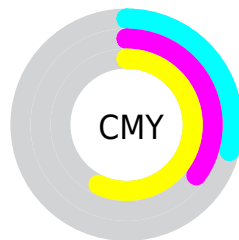


Cyan (0%)

Magenta (9%)

Yellow (40%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2715, 37.8382, 19.9125 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 35.2715, 37.8382, 19.9125 by changing the saturation by 10% instead.


 35.2715, 37.8382,
19.9125


 35.2715, 37.8382,
19.9125


317.2522,
336.9254, 264.0296


 24.0396, 25.8571,
12.1480


 67.2374, 71.8601,
44.1275


 15.4879, 16.7168,
6.7208


 88.7021, 94.6697,
61.4150

 9.2510, 10.0328,
3.2123


 114.3084,
121.8576, 82.7140

 4.9637, 5.4207,
1.2040

 144.4218,
153.8082, 108.4430

 2.2605, 2.4962,
0.0000

179.4075,
190.9058, 139.0205

 0.7743, 0.8747,
0.0000

219.6308,

 0.0000, 0.0000,

233.5350, 174.8651

0.0000

265.4573,
282.0801, 216.3953

■ 35.2715, 37.8382,
19.9125

■ 35.2715, 37.8382,
19.9125

■ 33.6822, 36.0615,
15.0607

■ 37.0862, 39.7443,
25.8302

■ 32.3027, 34.4035,
11.2069

■ 39.1350, 41.7795,
32.8713

■ 31.1202, 32.8602,
8.2795

■ 41.4295, 43.9501,
41.0919

■ 30.1186, 31.4247,
6.1958

■ 43.9798, 46.2604,
50.5436

■ 29.2794, 30.0893,
4.8586

■ 46.7952, 48.7146,
61.2752

■ 28.5652, 28.8386,
4.0724

■ 49.8846, 51.3165,
73.3325

■ 28.5499, 28.8115,
4.0564

■ 53.2566, 54.0698,
86.7594

■ 56.9192, 56.9780,
101.5973

■ 58.0379, 58.9076,
102.9191

Harmonies

Analogous

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



40.1578, 37.8382, 21.5348



35.2715, 37.8382, 19.9125



30.9673, 37.8382, 22.8564

Triad

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



35.2715, 37.8382, 19.9125



28.8044, 37.8382, 58.1307



45.0264, 37.8382, 53.8884

Complementary

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



35.2715, 37.8382, 19.9125



21.9805, 21.2539, 46.6598

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.



41.4714, 37.8382, 67.4022



35.2715, 37.8382, 19.9125



32.0730, 37.8382, 70.2122

Square

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



35.2715, 37.8382, 19.9125



27.4523, 37.8382, 43.2281



36.6657, 37.8382, 73.9368



46.0751, 37.8382, 39.2351

Rectangle

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



35.2715, 37.8382, 19.9125



28.9185, 37.8382, 27.5086



36.6657, 37.8382, 73.9368



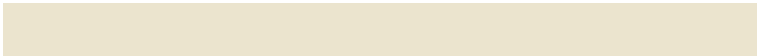
44.0701, 37.8382, 58.8128

Sweetspot

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



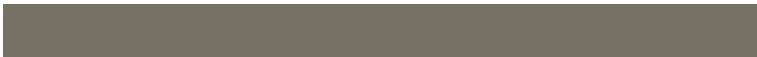
35.2724, 37.8399, 19.9133



73.1628, 77.7495, 69.8293



28.2779, 22.2626, 22.4782



15.6976, 16.6961, 14.6759



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.



35.2724, 37.8399, 19.9133



60.5852, 64.8868, 27.7410



34.1440, 41.8123, 20.7395



9.0337, 9.5800, 9.0255



19.7349, 19.9684, 2.8141



0.6606, 0.7076, 0.1018

Inverse Universe

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



21.9805, 21.2539, 46.6598



33.3976, 30.9822, 82.5145



22.7417, 18.8787, 46.1613



8.1900, 8.5262, 10.7204



6.3215, 3.4434, 30.4685



0.2424, 0.1953, 0.9732

Previews

White Background



This preview shows how the XYZ color 35.2715, 37.8382, 19.9125 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 35.2715, 37.8382, 19.9125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

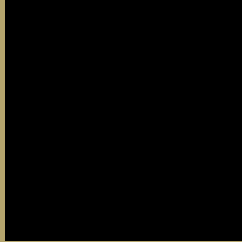
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2715, 37.8382, 19.9125

Background



This preview shows how black text looks on a background with the XYZ color 35.2715, 37.8382, 19.9125.



This preview shows how white text looks on a background with the XYZ color 35.2715, 37.8382,

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

35.2715, 37.8382, 19.9125

Protanopia

35.0378, 37.7177, 19.9015

Deuteranopia

38.3300, 37.5853, 19.9863



Tritanopia

40.0517, 37.7076, 43.1975

Trichromacy



Original Color

35.2715, 37.8382, 19.9125

Protanomaly

35.0378, 37.7177, 19.9015

Deuteranomaly

37.2976, 37.8220, 20.0864

Tritanomaly

37.9237, 37.5940, 33.2746

Monochromacy



Original Color

35.2715, 37.8382, 19.9125

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8109, 37.0801, 31.3090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2715, 37.8382, 19.9125 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(181, 165, 109)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 109)  
}
```

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(181, 165, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 109) }
```

Border

The CSS property to change the border of an element to XYZ 35.2715, 37.8382, 19.9125 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(181, 165, 109) }
```


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

```
.border{ border-color:rgb(181, 165, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 165, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 165, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 165, 109); box-shadow:4px 4px 4px 4px rgb(181, 165, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2715, 37.8382, 19.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 109) }
```

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

```
.background{ background-color: rgb(181,  
165, 109) }
```

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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