

Converting Colors

XYZ(35.5946, 35.8255, 21.4723)

Have a look what the booklet for
XYZ(35.5946, 35.8255, 21.4723)
contains.

XYZ(35.7029, 35.9397, 21.5783)	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(35.7029, 35.9397,
21.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9D74
RGB	187, 157, 116
RGB Percent	73%, 62%, 45%
CMY	0.2667, 0.3843, 0.5451
CMYK	0.00, 0.16, 0.38, 0.27
HSL	35°, 34%, 59%
HSV	35°, 38%, 73%
XYZ	35.7029, 35.9397, 21.5783
YIQ	161.2960, 31.0410, -6.3910

Conversions

Conversions Part 2

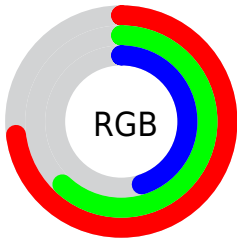
Format	Color
RYB	168, 187, 116
Decimal	12295540
CIELab	66.47, 5.27, 25.59
CIELCh	66, 26.130, 78.353
Yxy	35.9397, 0.3830, 0.3855
Android (android.graphics.Color)	4290485620 (0xFFBB9D74)
YUV	161.2960, -22.3309, 22.5424
Hunter-Lab	59.9497, 1.3932, 20.6240

Details

The XYZ color **35.7029, 35.9397, 21.5783** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4507, 27.8577, 50.9968**, and the grayscale version is **34.1053, 35.8814, 39.0749**.

A 20% lighter version of the original color is **67.6704, 68.6488, 46.7297**, and **15.6829, 15.6188, 7.4984** is the 20% darker color. If you saturate the color by 10%, you get **33.4293, 32.9615, 15.9834**, and if you desaturate by 10%, it is **38.2838, 39.1817, 28.3567**.

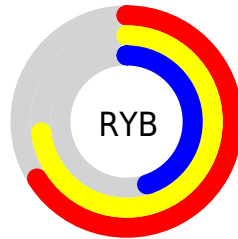
Distribution



Red (73%)

Green (62%)

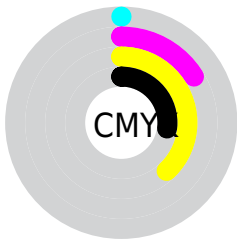
Blue (45%)



Red (66%)

Yellow (73%)

Blue (45%)

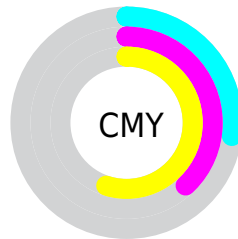


Cyan (0%)

Magenta (16%)

Yellow (38%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7029, 35.9397, 21.5783 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 35.7029, 35.9397, 21.5783 by changing the saturation by 10% instead.

■ 35.7029, 35.9397,
21.5783

■ 35.7029, 35.9397,
21.5783

319.1140,
328.6969, 273.2174

■ 24.3739, 24.3876,
13.3520

■ 67.9001, 68.9390,
46.9412

■ 15.7374, 15.6214,
7.5378

■ 89.4990, 91.1550,
64.9150

■ 9.4282, 9.2567,
3.7172

■ 115.2520,
117.6944, 86.9750

■ 5.0809, 4.9090,
1.4715

145.5242,
148.9417, 113.5397

■ 2.3300, 2.1939,
0.1966

180.6812,
185.2812, 145.0278

■ 0.8100, 0.7167,
0.0000

221.0883,

■ 0.0000, 0.0000,

227.0973, 181.8577

0.0000

267.1108,
274.7744, 224.4481

■ 35.7029, 35.9397,
21.5783

■ 35.7029, 35.9397,
21.5783

■ 33.4293, 32.9615,
15.9834

■ 38.2838, 39.1817,
28.3567

■ 31.4454, 30.2336,
11.4996

■ 41.1828, 42.6906,
36.3807

■ 29.7357, 27.7484,
8.0501

■ 44.4138, 46.4755,
45.7107

■ 28.2821, 25.4959,
5.5469

■ 47.9887, 50.5436,
56.4024

■ 27.0633, 23.4649,
3.8874

■ 51.9187, 54.9019,
68.5084

■ 26.0476, 21.6395,
2.9131

■ 56.2148, 59.5568,
82.0783

■ 25.8558, 21.2893,
2.7465

■ 60.8872, 64.5148,
97.1596

■ 64.1912, 69.0802,
104.5583

■ 66.3166, 73.3309,
105.2668

Harmonies

Analogous

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



39.4137, 35.9397, 25.1242



35.7029, 35.9397, 21.5783



31.8423, 35.9397, 22.0205

Triad

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



35.7029, 35.9397, 21.5783



27.4974, 35.9397, 46.3255



40.1031, 35.9397, 55.2897

Complementary

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



35.7029, 35.9397, 21.5783



26.4507, 27.8577, 50.9968

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.



36.5867, 35.9397, 63.3861



35.7029, 35.9397, 21.5783



29.3945, 35.9397, 57.5673

Square

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



35.7029, 35.9397, 21.5783



27.3005, 35.9397, 34.9368



32.6614, 35.9397, 64.2913



42.0809, 35.9397, 43.6507

Rectangle

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



35.7029, 35.9397, 21.5783



29.6956, 35.9397, 24.5358



32.6614, 35.9397, 64.2913



39.0500, 35.9397, 58.6042

Sweetspot

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



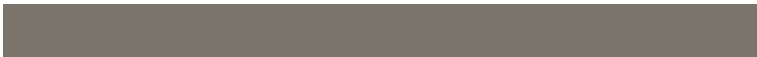
35.7038, 35.9414, 21.5790



77.6208, 81.0062, 76.2413



31.9873, 25.1552, 30.6778



16.9181, 17.6342, 16.2812



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.7038, 35.9414, 21.5790



60.3415, 59.6622, 29.7427



40.2773, 46.7793, 23.4299



9.9753, 10.4266, 10.0634



17.8876, 14.8139, 1.9166



0.7641, 0.7072, 0.0962

Inverse Universe

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



26.4507, 27.8577, 50.9968



41.2953, 43.0349, 90.3315



23.0632, 20.1248, 49.6827



9.3389, 9.8701, 12.0851



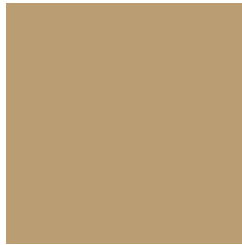
8.1751, 6.4619, 33.2093



0.3851, 0.3828, 1.3225

Previews

White Background



This preview shows how the XYZ color 35.7029, 35.9397, 21.5783 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 35.7029, 35.9397, 21.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

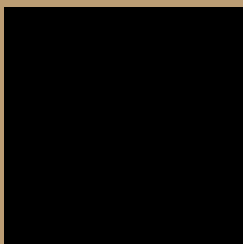
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

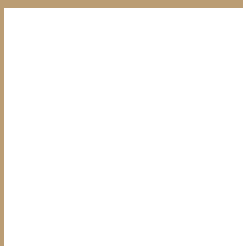
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7029, 35.9397, 21.5783

Background



This preview shows how black text looks on a background with the XYZ color 35.7029, 35.9397, 21.5783.



This preview shows how white text looks on a background with the XYZ color 35.7029, 35.9397,

21.5783.

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

35.7029, 35.9397, 21.5783

Protanopia

33.6459, 36.1473, 22.3433

Deuteranopia

36.6120, 35.9101, 21.5247



Tritanopia

39.4157, 35.9840, 39.5185

Trichromacy



Original Color

35.7029, 35.9397, 21.5783

Protanomaly

34.3721, 36.0097, 21.9686

Deuteranomaly

36.2761, 35.9850, 21.5568

Tritanomaly

37.8147, 35.8049, 32.1121

Monochromacy



Original Color

35.7029, 35.9397, 21.5783

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2592, 35.7320, 31.8794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7029, 35.9397, 21.5783 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(187, 157, 116)` looks like.

```
.text, #text, p{  
    color:rgb(187, 157, 116)  
}
```

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(187, 157, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 157, 116) }
```

Border

The CSS property to change the border of an element to XYZ 35.7029, 35.9397, 21.5783 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(187, 157, 116) }
```


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

```
.border{ border-color:rgb(187, 157, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 157, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 157, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 157, 116); box-shadow:4px 4px 4px 4px rgb(187, 157, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7029, 35.9397, 21.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 157, 116) }
```

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

```
.background{ background-color: rgb(187,  
157, 116) }
```

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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