

Converting Colors

XYZ(35.6767, 35.2674, 24.6669)

Have a look what the booklet for
XYZ(35.6767, 35.2674, 24.6669)
contains.

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Color

**XYZ(35.7369, 35.3882,
24.6857)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9B7E
RGB	186, 155, 126
RGB Percent	73%, 61%, 49%
CMY	0.2706, 0.3921, 0.5059
CMYK	0.00, 0.17, 0.32, 0.27
HSL	29°, 30%, 61%
HSV	29°, 32%, 73%
XYZ	35.7369, 35.3882, 24.6857
YIQ	160.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

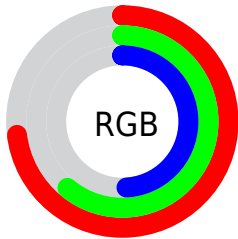
Format	Color
RYB	186, 182, 126
Decimal	12229502
CIELab	66.05, 7.22, 19.51
CIELCh	66, 20.804, 69.702
Yxy	35.3882, 0.3730, 0.3694
Android (android.graphics.Color)	4290419582 (0xFFBA9B7E)
YUV	160.9630, -17.2368, 21.9574
Hunter-Lab	59.4880, 3.1284, 17.0380

Details

The XYZ color **35.7369, 35.3882, 24.6857** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.5236, 32.0935, 51.0929**, and the grayscale version is **33.9284, 35.6953, 38.8722**.

A 20% lighter version of the original color is **67.8993, 67.9103, 52.1771**, and **15.8056, 15.3420, 9.1494** is the 20% darker color. If you saturate the color by 10%, you get **33.1107, 31.8813, 18.4294**, and if you desaturate by 10%, it is **38.7153, 39.2422, 32.1611**.

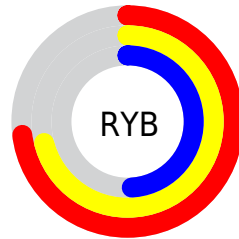
Distribution



Red (73%)

Green (61%)

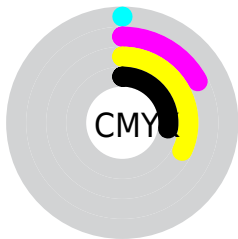
Blue (49%)



Red (73%)

Yellow (71%)

Blue (49%)

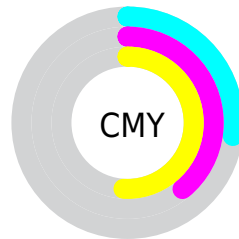


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7369, 35.3882, 24.6857 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 35.7369, 35.3882, 24.6857 by changing the saturation by 10% instead.


 35.7369, 35.3882,
24.6857


 35.7369, 35.3882,
24.6857


319.2605,
326.2785, 289.6665


 24.4002, 23.9621,
15.6262


 67.9523, 68.0867,
52.1047

 15.7571, 15.3055,
9.1085


 89.5618, 90.1279,
71.3012

 9.4422, 9.0341,
4.7143


 115.3262,
116.4762, 94.7137

 5.0901, 4.7634,
2.0248

145.6110,
147.5160, 122.7609

 2.3355, 2.1091,
0.5705

180.7814,
183.6318, 155.8612

 0.8128, 0.6697,
0.0000

221.2029,

 0.0000, 0.0000,

225.2078, 194.4332

0.0000

267.2408,
272.6286, 238.8955

■ 35.7369, 35.3882,
24.6857

■ 35.7369, 35.3882,
24.6857

■ 33.1107, 31.8813,
18.4294

■ 38.7153, 39.2422,
32.1611

■ 30.8188, 28.7056,
13.3239

■ 42.0576, 43.4487,
40.9147

■ 28.8453, 25.8514,
9.2972

■ 45.7780, 48.0190,
51.0042

■ 27.1719, 23.3062,
6.2684

■ 49.8892, 52.9625,
62.4831

■ 25.7779, 21.0564,
4.1446

■ 54.4033, 58.2882,
75.4020

■ 24.6391, 19.0867,
2.8154

■ 59.3317, 64.0046,
89.8090

■ 23.8986, 17.7369,
2.1640

■ 64.4914, 70.0426,
104.7283

■ 67.1208, 75.3013,
105.6047

■ 69.8979, 80.8557,
106.5304

Harmonies

Analogous

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



38.4121, 35.3882, 28.6606



35.7369, 35.3882, 24.6857



32.6450, 35.3882, 24.0868

Triad

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



35.7369, 35.3882, 24.6857



28.1172, 35.3882, 41.4681



37.5715, 35.3882, 53.1467

Complementary

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



35.7369, 35.3882, 24.6857



29.5236, 32.0935, 51.0929

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.



34.6457, 35.3882, 57.8348



35.7369, 35.3882, 24.6857



29.2721, 35.3882, 50.4432

Square

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



35.7369, 35.3882, 24.6857



28.3697, 35.3882, 32.9302



31.6180, 35.3882, 56.7761



39.5154, 35.3882, 44.7350

Rectangle

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



35.7369, 35.3882, 24.6857



30.7792, 35.3882, 25.5714



31.6180, 35.3882, 56.7761



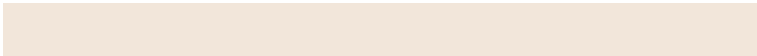
36.6631, 35.3882, 55.2646

Sweetspot

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



35.7378, 35.3898, 24.6864



77.5853, 80.4313, 77.7824



33.7965, 27.7954, 35.4823



16.8836, 17.4621, 16.5878



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.



35.7378, 35.3898, 24.6864



61.1993, 59.3888, 36.1603



41.3646, 46.6433, 26.5620



9.3532, 9.7094, 9.4880



16.1526, 12.0816, 1.4807



0.6314, 0.5499, 0.0729

Inverse Universe

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



29.5236, 32.0935, 51.0929



48.1070, 52.4420, 91.7882



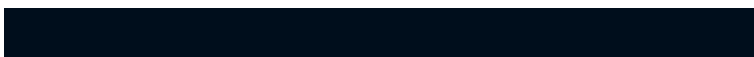
25.0568, 23.1599, 49.6039



8.8945, 9.4662, 11.4378



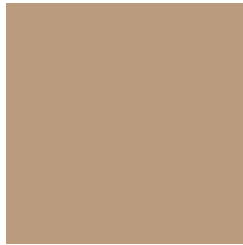
8.8575, 8.1747, 32.3641



0.3739, 0.4115, 1.1615

Previews

White Background



This preview shows how the XYZ color 35.7369, 35.3882, 24.6857 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 35.7369, 35.3882, 24.6857 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 35.7369, 35.3882, 24.6857

Background



This preview shows how black text looks on a background with the XYZ color 35.7369, 35.3882, 24.6857.



This preview shows how white text looks on a background with the XYZ color 35.7369, 35.3882,

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

35.7369, 35.3882, 24.6857

Protanopia

33.3278, 35.3845, 25.8422

Deuteranopia

36.0605, 35.3089, 24.6534



Tritanopia

38.6631, 35.3685, 38.9714

Trichromacy



Original Color

35.7369, 35.3882, 24.6857

Protanomaly

34.0276, 35.2423, 25.4311

Deuteranomaly

35.8150, 35.1824, 24.6419

Tritanomaly

37.6393, 35.4452, 33.2916

Monochromacy



Original Color

35.7369, 35.3882, 24.6857

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3210, 35.4804, 33.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7369, 35.3882, 24.6857 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(186, 155, 126)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 126)  
}
```

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(186, 155, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 126) }
```

Border

The CSS property to change the border of an element to XYZ 35.7369, 35.3882, 24.6857 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(186, 155, 126) }
```


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

```
.border{ border-color:rgb(186, 155, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 155, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 155, 126); box-shadow:4px 4px 4px 4px rgb(186, 155, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7369, 35.3882, 24.6857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 126) }
```

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

```
.background{ background-color: rgb(186,  
155, 126) }
```

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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