

Converting Colors

XYZ(33.1946, 35.3819, 22.8492)

Have a look what the booklet for
XYZ(33.1946, 35.3819, 22.8492)
contains.

XYZ(33.1946, 35.3819, 22.8492)	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(33.1946, 35.3819,
22.8492)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA078
RGB	173, 160, 120
RGB Percent	68%, 63%, 47%
CMY	0.3216, 0.3725, 0.5294
CMYK	0.00, 0.08, 0.31, 0.32
HSL	45°, 24%, 57%
HSV	45°, 31%, 68%
XYZ	33.1946, 35.3819, 22.8492
YIQ	159.3270, 20.5880, -9.6840

Conversions

Conversions Part 2

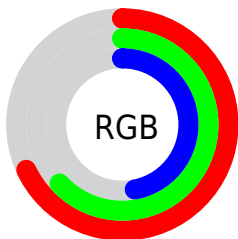
Format	Color
RYB	137, 173, 120
Decimal	11378808
CIELab	66.04, -1.53, 22.61
CIELCh	66, 22.658, 93.874
Yxy	35.3819, 0.3631, 0.3870
Android (android.graphics.Color)	4289568888 (0xFFADA078)
YUV	159.3270, -19.3882, 11.9912
Hunter-Lab	59.4827, -4.4819, 18.8627

Details

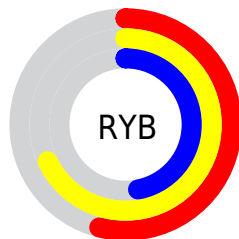
The XYZ color **33.1946, 35.3819, 22.8492** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.6761, 23.7848, 42.8785**, and the grayscale version is **33.1846, 34.9127, 38.0200**.

A 20% lighter version of the original color is **64.1564, 68.2760, 49.3324**, and **14.3517, 15.3853, 8.1745** is the 20% darker color. If you saturate the color by 10%, you get **31.5155, 33.5547, 17.5692**, and if you desaturate by 10%, it is **35.0903, 37.3384, 29.1381**.

Distribution



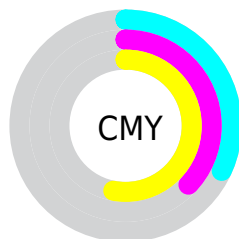
- Red (68%)
- Green (63%)
- Blue (47%)



- Red (54%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (31%)
- Black (32%)



- Cyan (32%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1946, 35.3819, 22.8492 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 33.1946, 35.3819, 22.8492 by changing the saturation by 10% instead.

■ 33.1946, 35.3819,
22.8492

■ 33.1946, 35.3819,
22.8492

308.1752,
326.2508, 280.0463

■ 22.4355, 23.9572,
14.2779

■ 64.0319, 68.0770,
49.0656

■ 14.2956, 15.3019,
8.1733

■ 84.8408, 90.1161,
67.5479

■ 8.4097, 9.0315,
4.1167

■ 109.7303,
116.4622, 90.1709

■ 4.4122, 4.7618,
1.6896

139.0659,
147.4997, 117.3533

■ 1.9379, 2.1082,
0.3536

173.2128,
183.6129, 149.5134

■ 0.5987, 0.6692,
0.0000

212.5364,

■ 0.0000, 0.0000,

225.1862, 187.0699

0.0000

257.4021,
272.6041, 230.4414

■ 33.1946, 35.3819,
22.8492

■ 33.1946, 35.3819,
22.8492

■ 31.5155, 33.5547,
17.5692

■ 35.0903, 37.3384,
29.1381

■ 30.0398, 31.8475,
13.2421

■ 37.2097, 39.4236,
36.4836

■ 28.7571, 30.2568,
9.8096

■ 39.5627, 41.6432,
44.9331

■ 27.6546, 28.7771,
7.2060

■ 42.1578, 44.0009,
54.5301

■ 26.7180, 27.4023,
5.3569

■ 45.0031, 46.5004,
65.3163

■ 25.9302, 26.1252,
4.1741

■ 48.1063, 49.1451,
77.3307

■ 25.2934, 25.0038,
3.4931

■ 51.4747, 51.9383,
90.6111

■ 54.5626, 54.6622,
102.2828

■ 55.5200, 56.5768,
102.6019

Harmonies

Analogous

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



36.5569, 35.3819, 24.1796



33.1946, 35.3819, 22.8492



30.1537, 35.3819, 25.1081

Triad

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



33.1946, 35.3819, 22.8492



28.5430, 35.3819, 49.7917



39.7733, 35.3819, 47.2653

Complementary

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



33.1946, 35.3819, 22.8492



23.6761, 23.7848, 42.8785

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.



37.3625, 35.3819, 56.0299



33.1946, 35.3819, 22.8492



30.8626, 35.3819, 57.6508

Square

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



33.1946, 35.3819, 22.8492



27.5837, 35.3819, 39.7892



34.0680, 35.3819, 60.1041



40.4997, 35.3819, 37.2876

Rectangle

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



33.1946, 35.3819, 22.8492



28.6738, 35.3819, 28.6088



34.0680, 35.3819, 60.1041



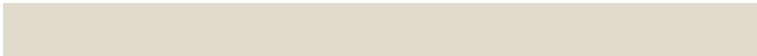
39.1254, 35.3819, 50.5023

Sweetspot

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



33.1955, 35.3835, 22.8499



67.2366, 71.1776, 67.4500



28.2014, 24.0180, 25.4310



14.4881, 15.3496, 14.2197



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.1955, 35.3835, 22.8499



57.3025, 61.0503, 34.1084



32.7813, 38.6913, 23.5102



8.4938, 8.9924, 8.5014



18.6282, 18.4618, 2.5817



0.5577, 0.5925, 0.0850

Inverse Universe

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



23.6761, 23.7848, 42.8785



37.4299, 36.8452, 75.9448



23.9721, 21.4575, 42.4136



7.7325, 8.0644, 10.1017



6.1996, 3.5330, 29.3997



0.2152, 0.1838, 0.8321

Previews

White Background



This preview shows how the XYZ color 33.1946, 35.3819, 22.8492 looks on a white background.

Color Contrast Check

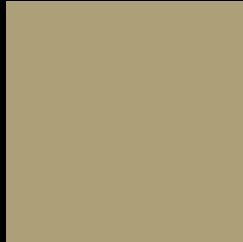
Large Text (above 18pt) WCAG AA × Fail

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 33.1946, 35.3819, 22.8492 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 33.1946, 35.3819, 22.8492

Background



This preview shows how black text looks on a background with the XYZ color 33.1946, 35.3819, 22.8492.



This preview shows how white text looks on a background with the XYZ color 33.1946, 35.3819,

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

33.1946, 35.3819, 22.8492

Protanopia

32.9742, 35.2683, 22.8388

Deuteranopia

35.9931, 35.3105, 23.0077



Tritanopia

36.7986, 35.3294, 40.9561

Trichromacy



Original Color

33.1946, 35.3819, 22.8492

Protanomaly

32.9742, 35.2683, 22.8388

Deuteranomaly

34.8681, 35.2247, 23.0505

Tritanomaly

35.2178, 35.1770, 33.3674

Monochromacy



Original Color

33.1946, 35.3819, 22.8492

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8188, 34.7331, 31.7625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1946, 35.3819, 22.8492 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(173, 160, 120)` looks like.

```
.text, #text, p{  
    color:rgb(173, 160, 120)  
}
```

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(173, 160, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 160, 120) }
```

Border

The CSS property to change the border of an element to XYZ 33.1946, 35.3819, 22.8492 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(173, 160, 120) }
```


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

```
.border{ border-color:rgb(173, 160, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 160, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 160, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 160, 120);  
box-shadow:4px 4px 4px 4px rgb(173, 160,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1946, 35.3819, 22.8492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 160, 120) }
```

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

```
.background{ background-color: rgb(173,  
160, 120) }
```

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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