

Converting Colors

XYZ(37.3717, 39.2679, 41.2070)

Have a look what the booklet for
XYZ(37.3717, 39.2679, 41.2070)
contains.

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Color

**XYZ(37.3717, 39.2679,
41.2071)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA8A5
RGB	170, 168, 165
RGB Percent	67%, 66%, 65%
CMY	0.3333, 0.3412, 0.3529
CMYK	0.00, 0.01, 0.03, 0.33
HSL	36°, 3%, 66%
HSV	36°, 3%, 67%
XYZ	37.3717, 39.2679, 41.2071
YIQ	168.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

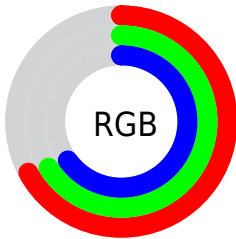
Format	Color
RYB	168, 170, 165
Decimal	11184293
CIELab	68.94, 0.16, 1.79
CIELCh	69, 1.797, 84.915
Yxy	39.2679, 0.3171, 0.3332
Android (android.graphics.Color)	4289374373 (0xFFAAA8A5)
YUV	168.2560, -1.6052, 1.5295
Hunter-Lab	62.6641, -3.2081, 4.8765

Details

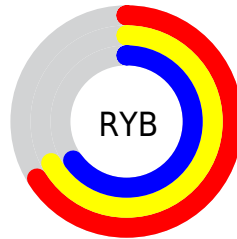
The XYZ color **37.3717, 39.2679, 41.2071** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5915, 38.5385, 43.5408**, and the grayscale version is **37.3530, 39.2983, 42.7958**.

A 20% lighter version of the original color is **70.3573, 73.9502, 78.2757**, and **16.6972, 17.5346, 18.1273** is the 20% darker color. If you saturate the color by 10%, you get **34.7055, 36.2491, 33.1851**, and if you desaturate by 10%, it is **40.3113, 42.5033, 50.3360**.

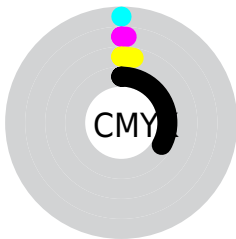
Distribution



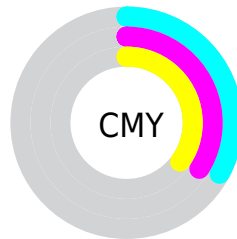
- Red (67%)
- Green (66%)
- Blue (65%)



- Red (66%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3717, 39.2679, 41.2071 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 37.3717, 39.2679, 41.2071 by changing the saturation by 10% instead.

■ 37.3717, 39.2679,
41.2071

■ 37.3717, 39.2679,
41.2071

326.2446,
343.0281, 366.8877

■ 25.6704, 26.9682,
28.1600

■ 70.4542, 74.0474,
78.2553

■ 16.7086, 17.5493,
18.2062

■ 92.5662, 97.2960,
103.0934

■ 10.1210, 10.6269,
10.9272

118.8790,
124.9630, 132.6990

■ 5.5421, 5.8166,
5.9043

149.7582,
157.4328, 167.4906

■ 2.6067, 2.7339,
2.7191

185.5689,
195.0899, 207.8868

■ 0.9494, 0.9944,
0.9530

226.6767,

■ 0.0000, 0.0000,

238.3185, 254.3059

0.0000

273.4468,
287.5031, 307.1667

■ 37.3717, 39.2679,
41.2071

■ 37.3717, 39.2679,
41.2071

■ 34.7055, 36.2491,
33.1851

■ 40.3113, 42.5033,
50.3360

■ 32.3004, 33.4366,
26.2246

■ 43.5295, 45.9552,
60.6097

■ 30.1479, 30.8267,
20.2811

■ 47.0356, 49.6301,
72.0673

■ 28.2376, 28.4135,
15.3056

■ 50.8375, 53.5325,
84.7454

■ 26.5586, 26.1911,
11.2452

■ 54.9426, 57.6669,
98.6789

■ 25.0988, 24.1528,
8.0418

■ 57.3649, 61.2404,
103.4049

■ 23.8449, 22.2914,
5.6307

■ 59.0637, 64.6380,
103.9711

■ 22.7817, 20.5991,
3.9377

■ 60.8343, 68.1793,
104.5613

■ 21.8912, 19.0668,
2.8743

■ 62.6776, 71.8659,
105.1758

Harmonies

Analogous

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



37.6398, 39.2679, 41.4807



37.3717, 39.2679, 41.2071



37.0919, 39.2679, 41.3442

Triad

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



37.3717, 39.2679, 41.2071



36.8267, 39.2679, 43.4227



37.7746, 39.2679, 43.6673

Complementary

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



37.3717, 39.2679, 41.2071



36.5915, 38.5385, 43.5408

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.



37.5550, 39.2679, 44.1998



37.3717, 39.2679, 41.2071



37.0079, 39.2679, 44.0573

Square

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



37.3717, 39.2679, 41.2071



36.7781, 39.2679, 42.6167



37.2743, 39.2679, 44.3434



37.8732, 39.2679, 42.8957

Rectangle

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



37.3717, 39.2679, 41.2071



36.9362, 39.2679, 41.6509



37.2743, 39.2679, 44.3434



37.7124, 39.2679, 43.8806

Sweetspot

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



37.3728, 39.2696, 41.2080



68.7947, 72.3476, 77.7932



37.0083, 38.2469, 41.9916



15.3479, 16.1410, 17.3680



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.



37.3728, 39.2696, 41.2080



67.2363, 70.6104, 73.0203



37.6364, 39.9570, 41.3267



8.1683, 8.5757, 8.8031



15.7530, 13.4032, 1.7568



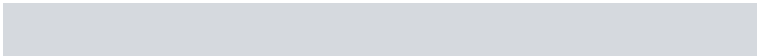
0.4313, 0.4221, 0.0587

Inverse Universe

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



36.5915, 38.5385, 43.5408



65.2877, 68.7871, 78.8381



36.3327, 37.8662, 43.4246



7.8985, 8.3233, 9.6086



6.9049, 5.2700, 28.6288



0.2183, 0.2288, 0.7133

Previews

White Background



This preview shows how the XYZ color 37.3717, 39.2679, 41.2071 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 37.3717, 39.2679, 41.2071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

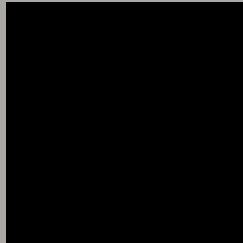
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

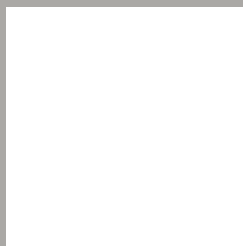
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3717, 39.2679, 41.2071

Background



This preview shows how black text looks on a background with the XYZ color 37.3717, 39.2679, 41.2071.



This preview shows how white text looks on a background with the XYZ color 37.3717, 39.2679,

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

37.3717, 39.2679, 41.2071

Protanopia

37.6235, 39.1247, 41.1662

Deuteranopia

39.9877, 39.2618, 41.5471



Tritanopia

38.7862, 39.2978, 48.1888

Trichromacy



Original Color

37.3717, 39.2679, 41.2071

Protanomaly

37.4048, 39.0120, 41.1559

Deuteranomaly

39.1605, 39.3667, 41.6110

Tritanomaly

38.2533, 39.3514, 45.6238

Monochromacy



Original Color

37.3717, 39.2679, 41.2071

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3399, 39.2303, 42.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3717, 39.2679, 41.2071 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(170, 168, 165) looks like.

```
.text, #text, p{  
    color:rgb(170, 168, 165)  
}
```

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(170, 168, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 168, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.3717, 39.2679, 41.2071 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(170, 168, 165) }
```


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

```
.border{ border-color:rgb(170, 168, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 168, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 168, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 168, 165);  
box-shadow:4px 4px 4px 4px rgb(170, 168,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3717, 39.2679, 41.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 168, 165) }
```

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

```
.background{ background-color: rgb(170,  
168, 165) }
```

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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