

Converting Colors

XYZ(37.0175, 39.3564, 47.7675)

Have a look what the booklet for
XYZ(37.0175, 39.3564, 47.7675)
contains.

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Color

**XYZ(37.1085, 39.5409,
47.7958)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AAB2
RGB	161, 170, 178
RGB Percent	63%, 67%, 70%
CMY	0.3686, 0.3333, 0.3020
CMYK	0.10, 0.04, 0.00, 0.30
HSL	208°, 10%, 66%
HSV	208°, 10%, 70%
XYZ	37.1085, 39.5409, 47.7958
YIQ	168.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

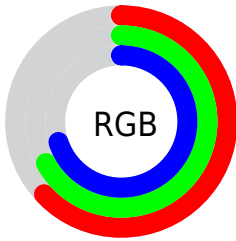
Format	Color
R_{YB}	161, 167, 178
Decimal	10594994
CIE _{Lab}	69.14, -1.55, -5.20
CIE _{LCh}	69, 5.429, 253.420
Yxy	39.5409, 0.2982, 0.3177
Android (android.graphics.Color)	4288785074 (0xFFA1AAB2)
YUV	168.2210, 4.8210, -6.3328
Hunter-Lab	62.8816, -4.7039, -1.0488

Details

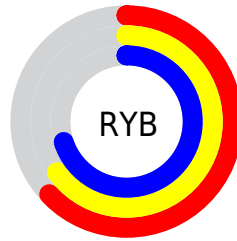
The XYZ color **37.1085, 39.5409, 47.7958** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9811, 40.4136, 39.4648**, and the grayscale version is **37.3088, 39.2517, 42.7451**.

A 20% lighter version of the original color is **70.0954, 74.3899, 88.5062**, and **16.4868, 17.6887, 21.9474** is the 20% darker color. If you saturate the color by 10%, you get **32.2539, 34.7827, 47.1339**, and if you desaturate by 10%, it is **42.5761, 44.7657, 48.5167**.

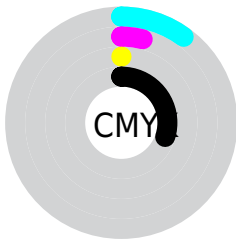
Distribution



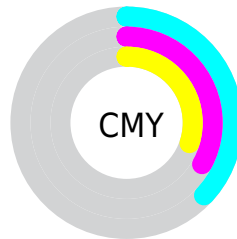
- Red (63%)
- Green (67%)
- Blue (70%)



- Red (63%)
- Yellow (65%)
- Blue (70%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (37%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1085, 39.5409, 47.7958 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 37.1085, 39.5409, 47.7958 by changing the saturation by 10% instead.

■ 37.1085, 39.5409,
47.7958

■ 37.1085, 39.5409,
47.7958

325.1274,
344.1847, 394.4675

■ 25.4656, 27.1808,
33.3064

■ 70.0524, 74.4639,
88.2627

■ 16.5548, 17.7090,
22.0882

■ 92.0840, 97.7956,
115.0772

■ 10.0109, 10.7413,
13.7228

118.3093,
125.5532, 146.8372

■ 5.4685, 5.8932,
7.7916

149.0936,
158.1212, 183.9611

■ 2.5623, 2.7802,
3.8760

184.8021,
195.8840, 226.8676

■ 0.9268, 1.0181,
1.5576

225.8004,

■ 0.0000, 0.0000,

239.2259, 275.9751

0.2603

272.4537,
288.5313, 331.7022

■ 0.0000, 0.0000,
0.0000

■ 37.1085, 39.5409,
47.7958

■ 37.1085, 39.5409,
47.7958

■ 32.2539, 34.7827,
47.1339

■ 42.5761, 44.7657,
48.5167

■ 27.9855, 30.4714,
46.5267

■ 48.6752, 50.4660,
49.2955

■ 24.2795, 26.5929,
45.9734

■ 55.4279, 56.6570,
50.1346

■ 21.1093, 23.1305,
45.4721

■ 62.8539, 63.3513,
51.0354

■ 18.4456, 20.0662,
45.0211

■ 70.9722, 70.5613,
51.9991

■ 16.2562, 17.3804,
44.6180

■ 74.9334, 75.7893,
52.7995

■ 14.5047, 15.0509,
44.2607

■ 77.1897, 80.3019,
53.5516

■ 13.1487, 13.0527,
43.9465

■ 79.5577, 85.0378,
54.3409

■ 12.1062, 11.3399,
43.6708

■ 82.0389, 90.0002,
55.1680

Harmonies

Analogous

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



36.3839, 39.5409, 46.4209



37.1085, 39.5409, 47.7958



37.9709, 39.5409, 47.8689

Triad

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



37.1085, 39.5409, 47.7958



39.2283, 39.5409, 41.9541



36.4476, 39.5409, 39.6761

Complementary

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



37.1085, 39.5409, 47.7958



38.9811, 40.4136, 39.4648

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.



37.1966, 39.5409, 38.5720



37.1085, 39.5409, 47.7958



38.8070, 39.5409, 39.8527

Square

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



37.1085, 39.5409, 47.7958



39.2038, 39.5409, 44.4308



38.0604, 39.5409, 38.6354



36.0064, 39.5409, 41.7046

Rectangle

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



37.1085, 39.5409, 47.7958



38.5086, 39.5409, 47.1647



38.0604, 39.5409, 38.6354



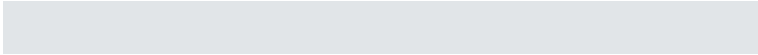
36.6712, 39.5409, 39.1881

Sweetspot

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



37.1097, 39.5426, 47.7967



73.6087, 77.7651, 87.5117



37.7741, 42.2805, 43.6739



16.1296, 17.0588, 19.3648



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.



37.1097, 39.5426, 47.7967



65.7764, 70.2347, 86.4710



35.5785, 36.4802, 47.2863



8.4020, 8.9503, 10.7911



8.6942, 8.1887, 31.2593



0.3314, 0.3733, 1.0028

Inverse Universe

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



38.3615, 37.8577, 43.3176



68.4166, 66.7293, 77.0137



40.6016, 43.6546, 40.0050



8.6781, 8.5780, 9.8034



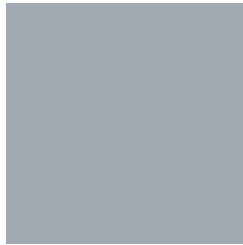
14.6231, 7.3668, 8.4410



0.4893, 0.2435, 0.4193

Previews

White Background



This preview shows how the XYZ color 37.1085, 39.5409, 47.7958 looks on a white background.

Color Contrast Check

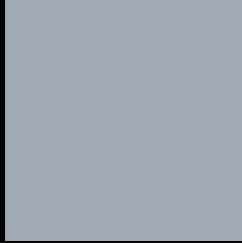
Large Text (above 18pt) WCAG AA × Fail

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 37.1085, 39.5409, 47.7958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

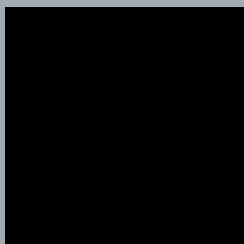
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

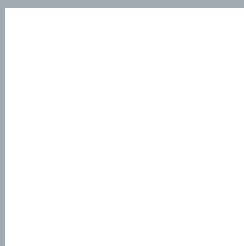
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1085, 39.5409, 47.7958

Background



This preview shows how black text looks on a background with the XYZ color 37.1085, 39.5409, 47.7958.



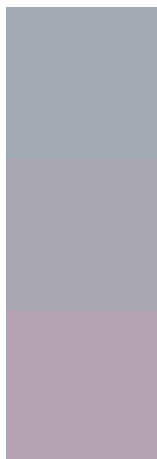
This preview shows how white text looks on a background with the XYZ color 37.1085, 39.5409,

47.7958.

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

37.1085, 39.5409, 47.7958

Protanopia

38.3006, 39.6146, 47.2227

Deuteranopia

40.2345, 39.5089, 48.1532



Tritanopia

37.6355, 39.4762, 50.4358

Trichromacy



Original Color

37.1085, 39.5409, 47.7958

Protanomaly

37.8497, 39.6572, 47.2547

Deuteranomaly

39.0065, 39.4113, 48.1991

Tritanomaly

37.4287, 39.3935, 49.3471

Monochromacy



Original Color

37.1085, 39.5409, 47.7958

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1514, 39.3538, 44.6677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1085, 39.5409, 47.7958 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(161, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(161, 170, 178)  
}
```

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(161, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 170, 178) }
```

Border

The CSS property to change the border of an element to XYZ 37.1085, 39.5409, 47.7958 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(161, 170, 178) }
```


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

```
.border{ border-color:rgb(161, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(161, 170,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1085, 39.5409, 47.7958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 170, 178) }
```

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

```
.background{ background-color: rgb(161,  
170, 178) }
```

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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