

Converting Colors

XYZ(37.2622, 41.2045, 39.3356)

Have a look what the booklet for
XYZ(37.2622, 41.2045, 39.3356)
contains.

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Color

**XYZ(37.1922, 41.1973,
39.2494)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AFA0
RGB	165, 175, 160
RGB Percent	65%, 69%, 63%
CMY	0.3529, 0.3137, 0.3725
CMYK	0.06, 0.00, 0.09, 0.31
HSL	100°, 9%, 66%
HSV	100°, 9%, 69%
XYZ	37.1922, 41.1973, 39.2494
YIQ	170.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

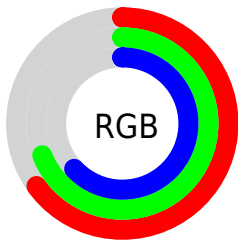
Format	Color
RYB	160, 175, 170
Decimal	10858400
CIELab	70.31, -6.33, 6.48
CIELCh	70, 9.057, 134.329
Yxy	41.1973, 0.3162, 0.3502
Android (android.graphics.Color)	4289048480 (0xFFA5AFA0)
YUV	170.3000, -5.0779, -4.6481
Hunter-Lab	64.1851, -8.8918, 8.6736

Details

The XYZ color **37.1922, 41.1973, 39.2494** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8878, 36.7839, 45.7153**, and the grayscale version is **38.3841, 40.3830, 43.9771**.

A 20% lighter version of the original color is **70.3569, 77.2738, 75.4971**, and **16.6533, 18.7808, 17.2153** is the 20% darker color. If you saturate the color by 10%, you get **33.4507, 39.4343, 31.6374**, and if you desaturate by 10%, it is **41.3729, 43.1642, 48.0087**.

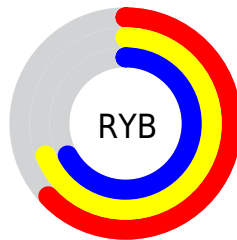
Distribution



Red (65%)

Green (69%)

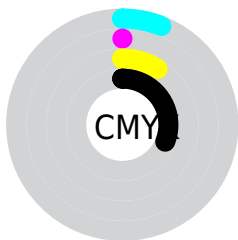
Blue (63%)



Red (63%)

Yellow (69%)

Blue (67%)

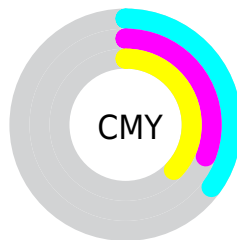


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1922, 41.1973, 39.2494 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 37.1922, 41.1973, 39.2494 by changing the saturation by 10% instead.

■ 37.1922, 41.1973,
39.2494

■ 37.1922, 41.1973,
39.2494

325.4830,
351.1446, 358.4072

■ 25.5307, 28.4733,
26.6445

■ 70.1802, 76.9833,
75.2437

■ 16.6037, 18.6827,
17.0763

■ 92.2374, 100.8141,
99.4702

■ 10.0459, 11.4413,
10.1264

118.4906,
129.1159, 128.4075

■ 5.4919, 6.3645,
5.3761

149.3050,
162.2732, 162.4744

■ 2.5764, 3.0679,
2.4070

185.0461,
200.6703, 202.0892

■ 0.9339, 1.1673,
0.7903

226.0793,

■ 0.0000, 0.0348,

244.6916, 247.6706

0.0000

272.7698,
294.7216, 299.6371

■ 0.0000, 0.0000,
0.0000

■ 37.1922, 41.1973,
39.2494

■ 37.1922, 41.1973,
39.2494

■ 33.4507, 39.4343,
31.6374

■ 41.3729, 43.1642,
48.0087

■ 30.1303, 37.8633,
25.1226

■ 46.0037, 45.3360,
57.9572

■ 27.2164, 36.4791,
19.6550

■ 51.0990, 47.7206,
69.1381

■ 24.6921, 35.2742,
15.1800

■ 56.6717, 50.3235,
81.5917

■ 22.5394, 34.2407,
11.6378

■ 62.7341, 53.1505,
95.3562

■ 20.7388, 33.3698,
8.9623

■ 67.6452, 55.5455,
101.7638

■ 19.2684, 32.6520,
7.0785

■ 71.6254, 57.5973,
101.9501

■ 18.1038, 32.0765,
5.8990

■ 74.6207, 59.1415,
102.0902

■ 17.2071, 31.6272,
5.2695

Harmonies

Analogous

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



38.4533, 41.1973, 37.3801



37.1922, 41.1973, 39.2494



36.4673, 41.1973, 42.6808

Triad

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



37.1922, 41.1973, 39.2494



38.3894, 41.1973, 53.2139



41.9935, 41.1973, 42.8602

Complementary

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



37.1922, 41.1973, 39.2494



36.8878, 36.7839, 45.7153

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.



41.9754, 41.1973, 47.1057



37.1922, 41.1973, 39.2494



39.8689, 41.1973, 53.2695

Square

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



37.1922, 41.1973, 39.2494



37.1465, 41.1973, 50.8270



41.1894, 41.1973, 50.9745



41.2384, 41.1973, 39.3735

Rectangle

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



37.1922, 41.1973, 39.2494



36.3738, 41.1973, 45.4780



41.1894, 41.1973, 50.9745



42.0783, 41.1973, 44.2414

Sweetspot

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



37.1933, 41.1991, 39.2503



70.6425, 75.6801, 78.6929



38.4007, 40.4032, 39.0330



15.5681, 16.7582, 17.2117



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.1933, 41.1991, 39.2503



65.4841, 73.2528, 67.9750



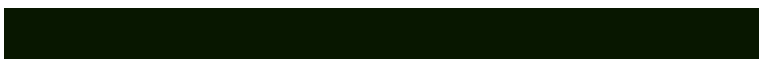
36.3946, 40.7618, 40.3664



8.1466, 9.0642, 8.5336



12.3005, 22.6382, 3.7213



0.4011, 0.6602, 0.1063

Inverse Universe

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



36.8878, 36.7839, 45.7153



64.8417, 63.9705, 81.5669



37.7460, 37.2545, 44.4852



8.0738, 8.0124, 10.0737



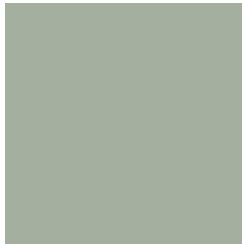
10.8314, 4.9437, 29.4279



0.3561, 0.1658, 0.8212

Previews

White Background



This preview shows how the XYZ color 37.1922, 41.1973, 39.2494 looks on a white background.

Color Contrast Check

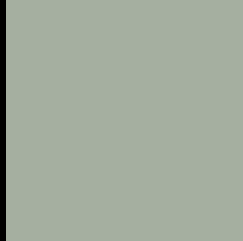
Large Text (above 18pt) WCAG AA × Fail

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 37.1922, 41.1973, 39.2494 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

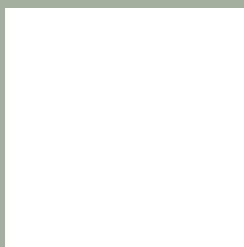
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1922, 41.1973, 39.2494

Background



This preview shows how black text looks on a background with the XYZ color 37.1922, 41.1973, 39.2494.



This preview shows how white text looks on a background with the XYZ color 37.1922, 41.1973,

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

37.1922, 41.1973, 39.2494

Protanopia

39.0946, 41.0594, 38.2125

Deuteranopia

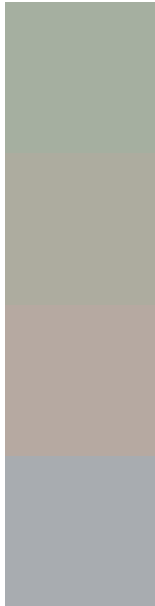
41.8960, 41.0875, 39.9049



Tritanopia

39.6821, 41.0636, 51.7335

Trichromacy



Original Color

37.1922, 41.1973, 39.2494

Protanomaly

38.2441, 40.8925, 38.6782

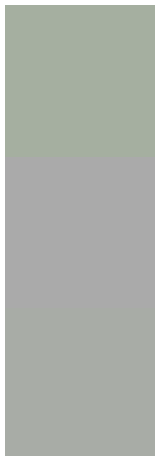
Deuteranomaly

39.9124, 40.8942, 39.5080

Tritanomaly

38.7374, 40.9645, 46.9395

Monochromacy



Original Color

37.1922, 41.1973, 39.2494

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7839, 40.5831, 41.9183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1922, 41.1973, 39.2494 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(165, 175, 160)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 160)  
}
```

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(165, 175, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 160) }
```

Border

The CSS property to change the border of an element to XYZ 37.1922, 41.1973, 39.2494 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(165, 175, 160) }
```


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

```
.border{ border-color:rgb(165, 175, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 175, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 160);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1922, 41.1973, 39.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 160) }
```

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

```
.background{ background-color: rgb(165,  
175, 160) }
```

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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