

Converting Colors

XYZ(38.1992, 39.1877, 41.9197)

Have a look what the booklet for
XYZ(38.1992, 39.1877, 41.9197)
contains.

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Color

**XYZ(38.2905, 39.1764,
42.1029)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA6A7
RGB	175, 166, 167
RGB Percent	69%, 65%, 65%
CMY	0.3137, 0.3490, 0.3451
CMYK	0.00, 0.05, 0.05, 0.31
HSL	353°, 5%, 67%
HSV	353°, 5%, 69%
XYZ	38.2905, 39.1764, 42.1029
YIQ	168.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

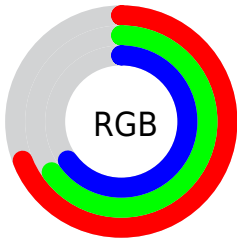
Format	Color
RYB	175, 166, 167
Decimal	11511463
CIELab	68.88, 3.42, 0.64
CIELCh	69, 3.480, 10.526
Yxy	39.1764, 0.3202, 0.3276
Android (android.graphics.Color)	4289701543 (0xFFAFA6A7)
YUV	168.8050, -0.8899, 5.4330
Hunter-Lab	62.5911, -0.3358, 3.9313

Details

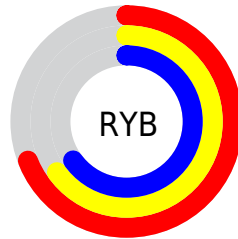
The XYZ color **38.2905, 39.1764, 42.1029** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6973, 41.8240, 46.0798**, and the grayscale version is **37.6191, 39.5783, 43.1007**.

A 20% lighter version of the original color is **71.9963, 73.9758, 79.5914**, and **17.2802, 17.4834, 18.6835** is the 20% darker color. If you saturate the color by 10%, you get **33.9704, 32.7011, 33.9876**, and if you desaturate by 10%, it is **43.2189, 46.5902, 51.2760**.

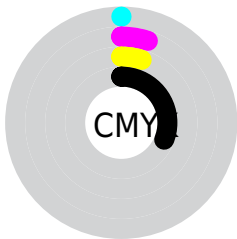
Distribution



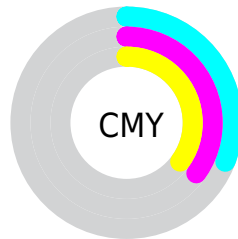
- Red (69%)
- Green (65%)
- Blue (65%)



- Red (69%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2905, 39.1764, 42.1029 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 38.2905, 39.1764, 42.1029 by changing the saturation by 10% instead.

■ 38.2905, 39.1764,
42.1029

■ 38.2905, 39.1764,
42.1029

330.1238,
342.6399, 370.7216

■ 26.3865, 26.8970,
28.8557

■ 71.8542, 73.9077,
79.6271

■ 17.2472, 17.4959,
18.7270

■ 94.2446, 97.1284,
104.7412

■ 10.5073, 10.5887,
11.2984

120.8612,
124.7650, 134.6480

■ 5.8014, 5.7910,
6.1512

152.0692,
157.2018, 169.7660

■ 2.7642, 2.7184,
2.8670

188.2342,
194.8234, 210.5139

■ 1.0303, 0.9865,
1.0271

229.7214,

■ 0.0000, 0.0000,

238.0139, 257.3101

0.0000

276.8961,
287.1580, 310.5731

■ 38.2905, 39.1764,
42.1029

■ 38.2905, 39.1764,
42.1029

■ 33.9704, 32.7011,
33.9876

■ 43.2189, 46.5902,
51.2760

■ 30.2317, 27.1219,
26.8894

■ 48.7743, 54.9723,
61.5403

■ 27.0505, 22.4009,
20.7691

■ 54.9791, 64.3578,
72.9311

■ 24.4001, 18.4955,
15.5835

■ 61.8532, 74.7785,
85.4812

■ 22.2513, 15.3593,
11.2866

■ 69.4159, 86.2644,
99.2221

■ 20.5722, 12.9415,
7.8283

■ 71.4895, 87.8541,
107.7974

■ 19.3274, 11.1849,
5.1534

■ 18.4761, 10.0239,
3.2002

■ 17.9691, 9.3776,
1.8972

Harmonies

Analogous

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



38.2468, 39.1764, 43.6790



38.2905, 39.1764, 42.1029



38.0495, 39.1764, 40.7094

Triad

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



38.2905, 39.1764, 42.1029



36.5498, 39.1764, 40.3849



36.8829, 39.1764, 45.5903

Complementary

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



38.2905, 39.1764, 42.1029



38.6973, 41.8240, 46.0798

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.



36.4341, 39.1764, 44.6646



38.2905, 39.1764, 42.1029



36.2431, 39.1764, 41.6499

Square

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



38.2905, 39.1764, 42.1029



37.0422, 39.1764, 39.7339



36.2010, 39.1764, 43.2148



37.4305, 39.1764, 45.7189

Rectangle

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



38.2905, 39.1764, 42.1029



37.7613, 39.1764, 40.0616



36.2010, 39.1764, 43.2148



36.7156, 39.1764, 45.3610

Sweetspot

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



38.2916, 39.1781, 42.1037



71.2010, 74.1070, 80.3027



38.8197, 39.3622, 46.1097



15.8462, 16.5026, 17.8873



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.



38.2916, 39.1781, 42.1037



67.7863, 68.9771, 73.9248



38.8352, 40.4122, 41.8319



8.3142, 8.4406, 9.0354



12.7593, 6.5663, 1.1119



0.3661, 0.1871, 0.0899

Inverse Universe

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



38.2916, 39.1781, 42.1037



67.7863, 68.9771, 73.9248



38.1322, 40.5376, 46.3728



8.3142, 8.4406, 9.0354



12.7593, 6.5663, 1.1119



0.3661, 0.1871, 0.0899

Previews

White Background



This preview shows how the XYZ color 38.2905, 39.1764, 42.1029 looks on a white background.

Color Contrast Check

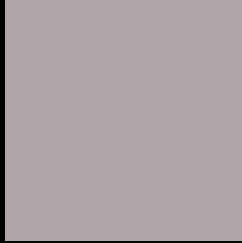
Large Text (above 18pt) WCAG AA × Fail

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 38.2905, 39.1764, 42.1029 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

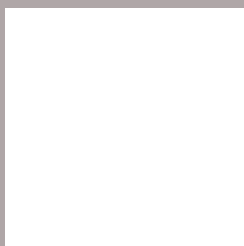
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2905, 39.1764, 42.1029

Background



This preview shows how black text looks on a background with the XYZ color 38.2905, 39.1764, 42.1029.

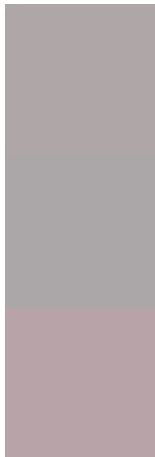


This preview shows how white text looks on a background with the XYZ color 38.2905, 39.1764,

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

38.2905, 39.1764, 42.1029

Protanopia

37.6812, 39.1225, 42.6112

Deuteranopia

39.9322, 39.2119, 42.5098



Tritanopia

39.3427, 39.0724, 47.0631

Trichromacy



Original Color

38.2905, 39.1764, 42.1029

Protanomaly

37.8999, 39.2352, 42.6214

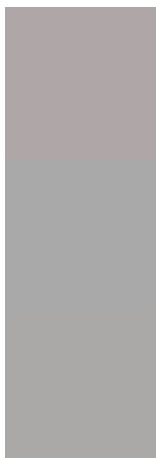
Deuteranomaly

39.3994, 39.2018, 42.5359

Tritanomaly

38.9025, 39.1575, 45.0429

Monochromacy



Original Color

38.2905, 39.1764, 42.1029

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8651, 39.4903, 42.6725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2905, 39.1764, 42.1029 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(175, 166, 167)` looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 167)  
}
```

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(175, 166, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 167) }
```

Border

The CSS property to change the border of an element to XYZ 38.2905, 39.1764, 42.1029 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(175, 166, 167) }
```


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

```
.border{ border-color:rgb(175, 166, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 166, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 167);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2905, 39.1764, 42.1029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 166, 167) }
```

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

```
.background{ background-color: rgb(175,  
166, 167) }
```

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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