

Converting Colors

XYZ(36.6006, 38.9325, 42.1408)

Have a look what the booklet for
XYZ(36.6006, 38.9325, 42.1408)
contains.

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Color

**XYZ(36.4947, 38.7946,
42.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A8A7
RGB	165, 168, 167
RGB Percent	65%, 66%, 65%
CMY	0.3529, 0.3412, 0.3451
CMYK	0.02, 0.00, 0.01, 0.34
HSL	160°, 2%, 65%
HSV	160°, 2%, 66%
XYZ	36.4947, 38.7946, 42.1238
YIQ	166.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

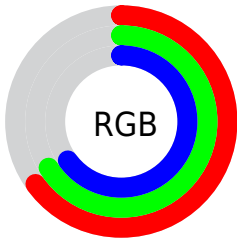
Format	Color
RYB	165, 167, 168
Decimal	10856615
CIELab	68.60, -1.25, 0.13
CIELCh	69, 1.259, 173.857
Yxy	38.7946, 0.3108, 0.3304
Android (android.graphics.Color)	4289046695 (0xFFA5A8A7)
YUV	166.9890, 0.0054, -1.7444
Hunter-Lab	62.2853, -4.4112, 3.5017

Details

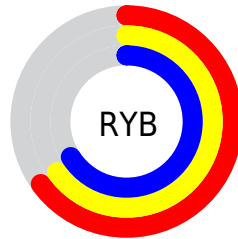
The XYZ color **36.4947, 38.7946, 42.1238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4879, 37.9892, 41.4878**, and the grayscale version is **36.7266, 38.6393, 42.0782**.

A 20% lighter version of the original color is **69.0877, 73.2649, 79.6075**, and **16.1500, 17.2393, 18.6960** is the 20% darker color. If you saturate the color by 10%, you get **32.7199, 36.9084, 39.2984**, and if you desaturate by 10%, it is **40.7532, 40.9298, 45.0909**.

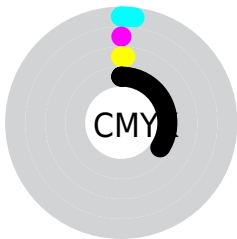
Distribution



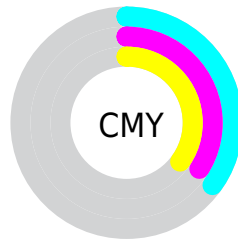
- Red (65%)
- Green (66%)
- Blue (65%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4947, 38.7946, 42.1238 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 36.4947, 38.7946, 42.1238 by changing the saturation by 10% instead.

■ 36.4947, 38.7946,
42.1238

■ 36.4947, 38.7946,
42.1238

322.5113,
341.0164, 370.8107

■ 24.9884, 26.6000,
28.8719

■ 69.1138, 73.3244,
79.6591

■ 16.1971, 17.2730,
18.7392

■ 90.9574, 96.4284,
104.7796

■ 9.7555, 10.4293,
11.3071

116.9773,
123.9377, 134.6934

■ 5.2981, 5.6845,
6.1570

147.5391,
156.2366, 169.8190

■ 2.4598, 2.6542,
2.8705

183.0080,
193.7095, 210.5750

■ 0.8750, 0.9540,
1.0289

223.7495,

■ 0.0000, 0.0000,

236.7408, 257.3799

0.0000

270.1288,
285.7150, 310.6523

■ 36.4947, 38.7946,
42.1238

■ 36.4947, 38.7946,
42.1238

■ 32.7199, 36.9084,
39.2984

■ 40.7532, 40.9298,
45.0909

■ 29.4076, 35.2569,
36.6099

■ 45.5093, 43.3178,
48.1995

■ 26.5397, 33.8320,
34.0567

■ 50.7803, 45.9685,
51.4526

■ 24.0955, 32.6230,
31.6364

■ 56.5816, 48.8900,
54.8522

■ 22.0529, 31.6186,
29.3463

■ 62.9280, 52.0897,
58.4005

■ 20.3875, 30.8062,
27.1837

■ 65.7468, 53.4681,
61.9081

■ 19.0723, 30.1719,
25.1457

■ 66.4177, 53.7365,
65.4411

■ 18.0763, 29.6998,
23.2292

■ 67.1130, 54.0146,
69.1023

■ 17.3631, 29.3712,
21.4308

■ 67.8328, 54.3025,
72.8930

Harmonies

Analogous

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



36.5656, 38.7946, 41.5989



36.4947, 38.7946, 42.1238



36.5249, 38.7946, 42.6846

Triad

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



36.4947, 38.7946, 42.1238



37.0278, 38.7946, 43.2489



37.0988, 38.7946, 41.3636

Complementary

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



36.4947, 38.7946, 42.1238



36.4879, 37.9892, 41.4878

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.



37.2235, 38.7946, 41.7999



36.4947, 38.7946, 42.1238



37.1824, 38.7946, 42.8891

Square

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



36.4947, 38.7946, 42.1238



36.8323, 38.7946, 43.3375



37.2541, 38.7946, 42.3579



36.9140, 38.7946, 41.1626

Rectangle

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



36.4947, 38.7946, 42.1238



36.5984, 38.7946, 43.0031



37.2541, 38.7946, 42.3579



37.1492, 38.7946, 41.4874

Sweetspot

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



36.4958, 38.7963, 42.1246



66.7863, 70.6796, 76.8423



36.5318, 38.8360, 41.1685



14.5657, 15.4097, 16.7549



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



36.4958, 38.7963, 42.1246



66.0423, 70.3071, 76.3065



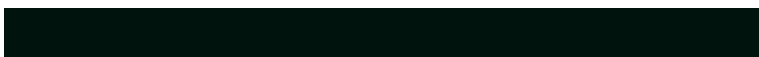
36.5059, 38.6675, 42.5873



8.2865, 8.8125, 9.5674



12.8028, 22.0399, 15.2600



0.3338, 0.5451, 0.4885

Inverse Universe

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



36.4879, 37.9892, 41.4878



66.0260, 68.6412, 74.9920



36.4777, 38.1154, 41.0322



8.2847, 8.6220, 9.4171



12.7574, 6.5117, 3.5341



0.3340, 0.1679, 0.2104

Previews

White Background



This preview shows how the XYZ color 36.4947, 38.7946, 42.1238 looks on a white background.

Color Contrast Check

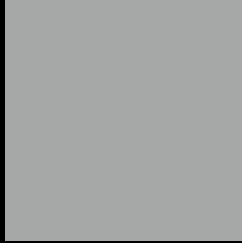
Large Text (above 18pt) WCAG AA × Fail

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 36.4947, 38.7946, 42.1238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

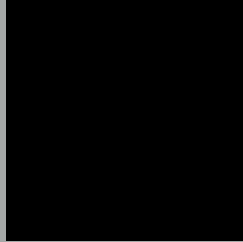
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

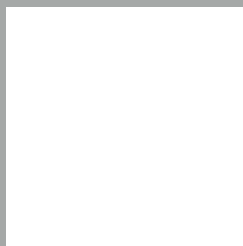
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4947, 38.7946, 42.1238

Background



This preview shows how black text looks on a background with the XYZ color 36.4947, 38.7946, 42.1238.



This preview shows how white text looks on a background with the XYZ color 36.4947, 38.7946,

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

36.4947, 38.7946, 42.1238

Protanopia

37.0967, 38.5717, 41.5663

Deuteranopia

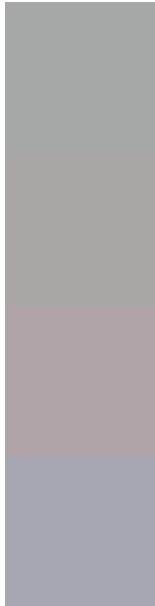
39.5167, 38.7351, 42.4397



Tritanopia

37.7093, 38.7426, 48.1384

Trichromacy



Original Color

36.4947, 38.7946, 42.1238

Protanomaly

36.8501, 38.7154, 41.6070

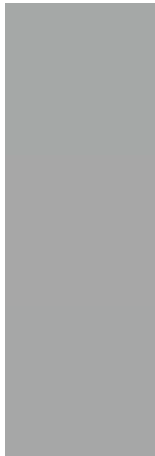
Deuteranomaly

38.2478, 38.6082, 42.4820

Tritanomaly

37.2825, 38.8396, 46.0892

Monochromacy



Original Color

36.4947, 38.7946, 42.1238

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5197, 38.5344, 42.0723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4947, 38.7946, 42.1238 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, 168, 167) looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 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(165, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 167) }
```

Border

The CSS property to change the border of an element to XYZ 36.4947, 38.7946, 42.1238 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, 168, 167) }
```


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

```
.border{ border-color:rgb(165, 168, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4947, 38.7946, 42.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 167) }
```

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

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