

Converting Colors

XYZ(35.5671, 38.0829, 47.0714)

Have a look what the booklet for
XYZ(35.5671, 38.0829, 47.0714)
contains.

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Color

**XYZ(35.6487, 38.2475,
47.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA8B1
RGB	156, 168, 177
RGB Percent	61%, 66%, 69%
CMY	0.3882, 0.3412, 0.3059
CMYK	0.12, 0.05, 0.00, 0.31
HSL	206°, 12%, 65%
HSV	206°, 12%, 69%
XYZ	35.6487, 38.2475, 47.0986
YIQ	165.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

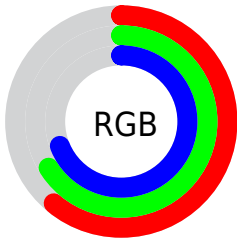
Format	Color
RYB	156, 164, 177
Decimal	10266801
CIELab	68.20, -2.36, -6.08
CIElCh	68, 6.521, 248.787
Yxy	38.2475, 0.2946, 0.3161
Android (android.graphics.Color)	4288456881 (0xFF9CA8B1)
YUV	165.4380, 5.7001, -8.2771
Hunter-Lab	61.8446, -5.3363, -1.8619

Details

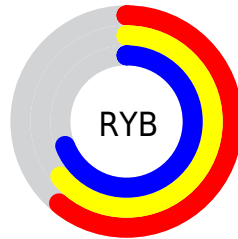
The XYZ color **35.6487, 38.2475, 47.0986** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5875, 38.6574, 36.9336**, and the grayscale version is **35.9523, 37.8246, 41.1910**.

A 20% lighter version of the original color is **67.9596, 72.5074, 87.5043**, and **15.7092, 16.9493, 21.5124** is the 20% darker color. If you saturate the color by 10%, you get **31.1109, 33.8910, 46.4975**, and if you desaturate by 10%, it is **40.7696, 43.0279, 47.7520**.

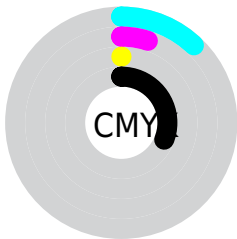
Distribution



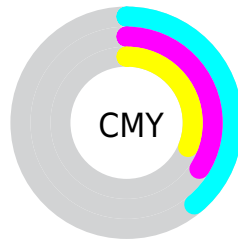
- Red (61%)
- Green (66%)
- Blue (69%)



- Red (61%)
- Yellow (64%)
- Blue (69%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6487, 38.2475, 47.0986 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 35.6487, 38.2475, 47.0986 by changing the saturation by 10% instead.

■ 35.6487, 38.2475,
47.0986

■ 35.6487, 38.2475,
47.0986

318.8805,
338.6805, 391.6131

■ 24.3319, 26.1748,
32.7587

■ 67.8169, 72.4873,
87.2123

■ 15.7060, 16.9545,
21.6721

■ 89.3990, 95.4233,
113.8232

■ 9.4059, 10.2020,
13.4201

115.1335,
122.7491, 145.3615

■ 5.0661, 5.5331,
7.5844

145.3859,
154.8493, 182.2458

■ 2.3213, 2.5633,
3.7462

180.5214,
192.1081, 224.8945

■ 0.8055, 0.9083,
1.4872

220.9055,

■ 0.0000, 0.0000,

234.9099, 273.7263

0.2084

266.9034,
283.6393, 329.1596

■ 0.0000, 0.0000,
0.0000

■ 35.6487, 38.2475,
47.0986

■ 35.6487, 38.2475,
47.0986

■ 31.1109, 33.8910,
46.4975

■ 40.7696, 43.0279,
47.7520

■ 27.1298, 29.9396,
45.9446

■ 46.4917, 48.2404,
48.4565

■ 23.6822, 26.3803,
45.4393

■ 52.8365, 53.8991,
49.2144

■ 20.7416, 23.1974,
44.9799

■ 59.8234, 60.0159,
50.0268

■ 18.2792, 20.3736,
44.5647

■ 67.4710, 66.6023,
50.8950

■ 16.2629, 17.8902,
44.1916

■ 73.0975, 72.2774,
51.6939

■ 14.6562, 15.7260,
43.8585

■ 75.0558, 76.1942,
52.3467

■ 13.4160, 13.8564,
43.5630

■ 77.1047, 80.2918,
53.0296

■ 12.6057, 12.5139,
43.3466

■ 79.2451, 84.5727,
53.7431

Harmonies

Analogous

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



34.8470, 38.2475, 45.2602



35.6487, 38.2475, 47.0986



36.6532, 38.2475, 47.4407

Triad

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



35.6487, 38.2475, 47.0986



38.3241, 38.2475, 40.7937



35.1394, 38.2475, 37.4222

Complementary

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



35.6487, 38.2475, 47.0986



37.5875, 38.6574, 36.9336

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.



36.0546, 38.2475, 36.3417



35.6487, 38.2475, 47.0986



37.9019, 38.2475, 38.2277

Square

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



35.6487, 38.2475, 47.0986



38.2105, 38.2475, 43.7087



37.0667, 38.2475, 36.6296



34.5569, 38.2475, 39.6473

Rectangle

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



35.6487, 38.2475, 47.0986



37.3049, 38.2475, 46.7594



37.0667, 38.2475, 36.6296



35.4177, 38.2475, 36.9179

Sweetspot

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



35.6498, 38.2491, 47.0995



70.9037, 75.1082, 85.2556



36.2018, 41.2204, 41.5270



15.2148, 16.1369, 18.4572



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.



35.6498, 38.2491, 47.0995



61.8235, 66.5810, 84.0883



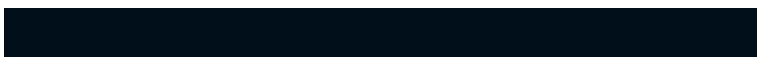
33.8310, 34.6114, 46.4932



8.4316, 9.0094, 10.8009



9.1943, 9.1890, 31.4261



0.3458, 0.4021, 1.0076

Inverse Universe

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



37.0887, 35.9519, 42.0323



64.8836, 61.7853, 73.2916



39.5115, 42.5054, 37.5749



8.6931, 8.5839, 9.8820



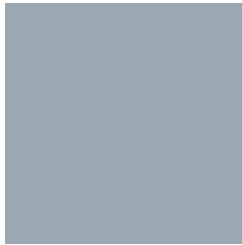
14.8755, 7.4678, 9.7704



0.4966, 0.2464, 0.4576

Previews

White Background



This preview shows how the XYZ color 35.6487, 38.2475, 47.0986 looks on a white background.

Color Contrast Check

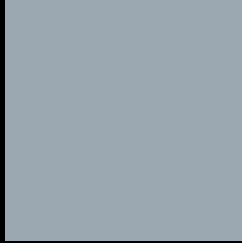
Large Text (above 18pt) WCAG AA × Fail

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 35.6487, 38.2475, 47.0986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

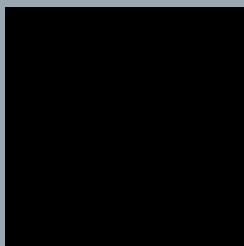
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

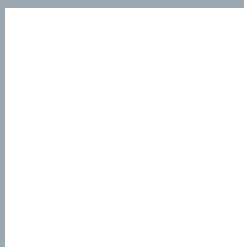
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6487, 38.2475, 47.0986

Background



This preview shows how black text looks on a background with the XYZ color 35.6487, 38.2475, 47.0986.



This preview shows how white text looks on a background with the XYZ color 35.6487, 38.2475,

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

35.6487, 38.2475, 47.0986

Protanopia

36.9189, 38.1124, 45.9680

Deuteranopia

38.9122, 38.0512, 47.4132



Tritanopia

36.0638, 38.1417, 49.1774

Trichromacy



Original Color

35.6487, 38.2475, 47.0986

Protanomaly

36.3730, 38.0884, 46.5090

Deuteranomaly

37.6735, 38.2003, 47.5073

Tritanomaly

35.9616, 38.1008, 48.6388

Monochromacy



Original Color

35.6487, 38.2475, 47.0986

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6979, 37.8184, 42.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6487, 38.2475, 47.0986 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(156, 168, 177)` looks like.

```
.text, #text, p{  
    color:rgb(156, 168, 177)  
}
```

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(156, 168, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 168, 177) }
```

Border

The CSS property to change the border of an element to XYZ 35.6487, 38.2475, 47.0986 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(156, 168, 177) }
```


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

```
.border{ border-color:rgb(156, 168, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 168, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 168, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 168, 177);  
box-shadow:4px 4px 4px 4px rgb(156, 168,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6487, 38.2475, 47.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 168, 177) }
```

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

```
.background{ background-color: rgb(156,  
168, 177) }
```

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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