

Converting Colors

XYZ(35.9836, 38.0598, 47.5698)

Have a look what the booklet for
XYZ(35.9836, 38.0598, 47.5698)
contains.

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Color

**XYZ(35.9551, 38.1209,
47.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA7B2
RGB	158, 167, 178
RGB Percent	62%, 65%, 70%
CMY	0.3804, 0.3451, 0.3020
CMYK	0.11, 0.06, 0.00, 0.30
HSL	213°, 11%, 66%
HSV	213°, 11%, 70%
XYZ	35.9551, 38.1209, 47.5825
YIQ	165.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

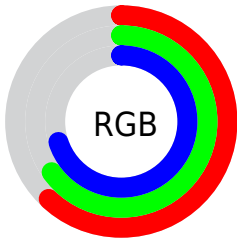
Format	Color
RYB	158, 164, 178
Decimal	10397618
CIELab	68.11, -0.93, -6.76
CIELCh	68, 6.819, 262.174
Yxy	38.1209, 0.2955, 0.3133
Android (android.graphics.Color)	4288587698 (0xFF9EA7B2)
YUV	165.5630, 6.1314, -6.6328
Hunter-Lab	61.7421, -4.1005, -2.4732

Details

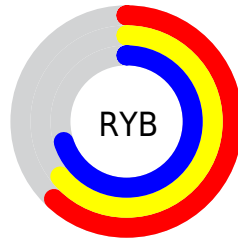
The XYZ color **35.9551, 38.1209, 47.5825** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7197, 40.3091, 38.0880**, and the grayscale version is **36.0101, 37.8854, 41.2572**.

A 20% lighter version of the original color is **68.4131, 72.3292, 88.1971**, and **15.8958, 16.8679, 21.8201** is the 20% darker color. If you saturate the color by 10%, you get **30.9787, 32.9946, 46.8559**, and if you desaturate by 10%, it is **41.5766, 43.7833, 48.3798**.

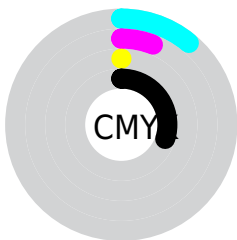
Distribution



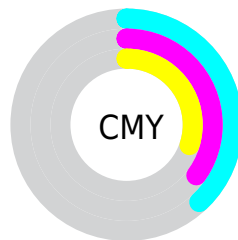
- Red (62%)
- Green (65%)
- Blue (70%)



- Red (62%)
- Yellow (64%)
- Blue (70%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9551, 38.1209, 47.5825 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 35.9551, 38.1209, 47.5825 by changing the saturation by 10% instead.

■ 35.9551, 38.1209,
47.5825

■ 35.9551, 38.1209,
47.5825

320.1989,
338.1383, 393.5957

■ 24.5695, 26.0765,
33.1387

■ 68.2871, 72.2934,
87.9415

■ 15.8836, 16.8809,
21.9608

■ 89.9641, 95.1903,
114.6939

■ 9.5322, 10.1496,
13.6300

115.8024,
122.4736, 146.3862

■ 5.1498, 5.4983,
7.7280

146.1672,
154.5275, 183.4370

■ 2.3711, 2.5425,
3.8361

181.4239,
191.7366, 226.2648

■ 0.8307, 0.8978,
1.5359

221.9378,

■ 0.0000, 0.0000,

234.4851, 275.2881

0.2444

268.0744,
283.1576, 330.9256

■ 0.0000, 0.0000,
0.0000

■ 35.9551, 38.1209,
47.5825

■ 35.9551, 38.1209,
47.5825

■ 30.9787, 32.9946,
46.8559

■ 41.5766, 43.7833,
48.3798

■ 26.6195, 28.3823,
46.1954

■ 47.8631, 49.9934,
49.2471

■ 22.8520, 24.2677,
45.5998

■ 54.8379, 56.7682,
50.1871

■ 19.6480, 20.6312,
45.0667

■ 62.5219, 64.1225,
51.2017

■ 16.9765, 17.4520,
44.5939

■ 70.9354, 72.0708,
52.2924

■ 14.8033, 14.7074,
44.1787

■ 76.3988, 78.7201,
53.2879

■ 13.0898, 12.3719,
43.8182

■ 79.1326, 84.1876,
54.1992

■ 11.7906, 10.4165,
43.5092

■ 82.0206, 89.9637,
55.1618

■ 10.9138, 8.9701,
43.2762

■ 85.0360, 95.9944,
56.1670

Harmonies

Analogous

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



34.9933, 38.1209, 46.3062



35.9551, 38.1209, 47.5825



37.0099, 38.1209, 47.1691

Triad

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



35.9551, 38.1209, 47.5825



38.1593, 38.1209, 39.3362



34.6417, 38.1209, 38.0188

Complementary

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



35.9551, 38.1209, 47.5825



38.7197, 40.3091, 38.0880

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.



35.4666, 38.1209, 36.3175



35.9551, 38.1209, 47.5825



37.5011, 38.1209, 37.0518

Square

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



35.9551, 38.1209, 47.5825



38.2963, 38.1209, 42.3096



36.5119, 38.1209, 35.9723



34.2448, 38.1209, 40.7150

Rectangle

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



35.9551, 38.1209, 47.5825



37.6229, 38.1209, 45.9996



36.5119, 38.1209, 35.9723



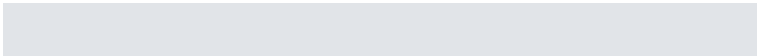
34.8774, 38.1209, 37.3172

Sweetspot

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



35.9562, 38.1225, 47.5833



73.4561, 77.4599, 87.4609



37.1517, 41.9626, 43.5143



16.0871, 16.9739, 19.3507



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.



35.9562, 38.1225, 47.5833



63.3166, 67.2062, 86.0161



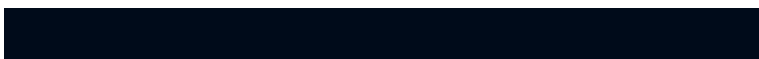
34.4954, 35.0055, 47.0587



8.3464, 8.8391, 10.7725



7.8700, 6.5403, 30.9846



0.3062, 0.3228, 0.9944

Inverse Universe

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



37.5628, 36.7094, 41.6670



66.7134, 64.2807, 73.4933



40.3000, 43.6963, 38.6585



8.6501, 8.5667, 9.6556



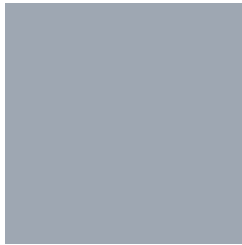
14.2071, 7.2004, 6.2503



0.4766, 0.2384, 0.3522

Previews

White Background



This preview shows how the XYZ color 35.9551, 38.1209, 47.5825 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 35.9551, 38.1209, 47.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

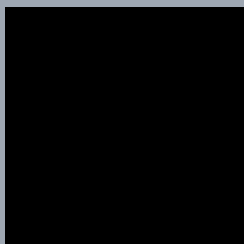
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

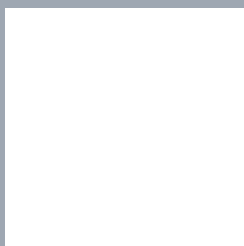
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9551, 38.1209, 47.5825

Background



This preview shows how black text looks on a background with the XYZ color 35.9551, 38.1209, 47.5825.



This preview shows how white text looks on a background with the XYZ color 35.9551, 38.1209,

47.5825.

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

35.9551, 38.1209, 47.5825

Protanopia

37.1168, 38.1916, 47.0104

Deuteranopia

38.7860, 37.9745, 47.9334



Tritanopia

36.1575, 38.2018, 48.6480

Trichromacy



Original Color

35.9551, 38.1209, 47.5825

Protanomaly

36.6763, 38.2333, 47.0417

Deuteranomaly

37.5961, 37.8841, 47.9787

Tritanomaly

36.0560, 38.1612, 48.1133

Monochromacy



Original Color

35.9551, 38.1209, 47.5825

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9962, 37.9612, 43.4603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9551, 38.1209, 47.5825 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(158, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 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(158, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 178) }
```

Border

The CSS property to change the border of an element to XYZ 35.9551, 38.1209, 47.5825 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(158, 167, 178) }
```


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

```
.border{ border-color:rgb(158, 167, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 167, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(158, 167,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9551, 38.1209, 47.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 178) }
```

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

```
.background{ background-color: rgb(158,  
167, 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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