

Converting Colors

XYZ(34.5586, 36.5347, 47.6136)

Have a look what the booklet for
XYZ(34.5586, 36.5347, 47.6136)
contains.

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Color

**XYZ(34.7386, 36.6756,
47.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA4B3
RGB	154, 164, 179
RGB Percent	60%, 64%, 70%
CMY	0.3961, 0.3568, 0.2980
CMYK	0.14, 0.08, 0.00, 0.30
HSL	216°, 14%, 65%
HSV	216°, 14%, 70%
XYZ	34.7386, 36.6756, 47.8960
YIQ	162.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

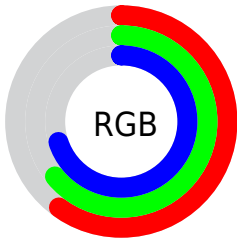
Format	Color
RYB	154, 161, 179
Decimal	10134707
CIELab	67.03, -0.41, -8.94
CIELCh	67, 8.954, 267.358
Yxy	36.6756, 0.2912, 0.3074
Android (android.graphics.Color)	4288324787 (0xFF9AA4B3)
YUV	162.7200, 8.0260, -7.6474
Hunter-Lab	60.5604, -3.5896, -4.4990

Details

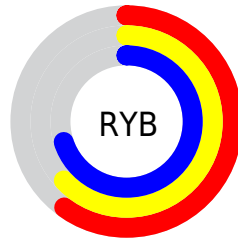
The XYZ color **34.7386, 36.6756, 47.8960** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6114, 40.2927, 36.3149**, and the grayscale version is **34.6487, 36.4531, 39.6974**.

A 20% lighter version of the original color is **66.6214, 70.2165, 88.6391**, and **15.1536, 15.9783, 22.0241** is the 20% darker color. If you saturate the color by 10%, you get **29.7413, 31.3668, 47.1353**, and if you desaturate by 10%, it is **40.4084, 42.5740, 48.7363**.

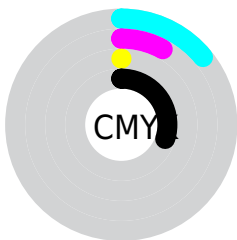
Distribution



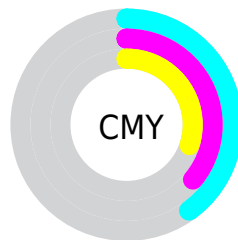
- Red (60%)
- Green (64%)
- Blue (70%)



- Red (60%)
- Yellow (63%)
- Blue (70%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7386, 36.6756, 47.8960 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 34.7386, 36.6756, 47.8960 by changing the saturation by 10% instead.

■ 34.7386, 36.6756,
47.8960

■ 34.7386, 36.6756,
47.8960

314.9413,
331.9039, 394.8766

■ 23.6272, 24.9564,
33.3851

■ 66.4173, 70.0736,
88.4135

■ 15.1805, 16.0446,
22.1481

■ 87.7153, 92.5212,
115.2572

■ 9.0333, 9.5557,
13.7664

113.1395,
119.3137, 147.0489

■ 4.8202, 5.1054,
7.8215

143.0553,
150.8355, 184.2071

■ 2.1758, 2.3092,
3.8948

177.8280,
187.4710, 227.1505

■ 0.7300, 0.7786,
1.5678

217.8230,

■ 0.0000, 0.0000,

229.6047, 276.2975

0.2677

263.4056,
277.6209, 332.0667

■ 0.0000, 0.0000,
0.0000

■ 34.7386, 36.6756,
47.8960

■ 34.7386, 36.6756,
47.8960

■ 29.7413, 31.3668,
47.1353

■ 40.4084, 42.5740,
48.7363

■ 25.3869, 26.6234,
46.4492

■ 46.7724, 49.0759,
49.6558

■ 21.6482, 22.4262,
45.8361

■ 53.8551, 56.2005,
50.6577

■ 18.4948, 18.7532,
45.2934

■ 61.6790, 63.9647,
51.7440

■ 15.8934, 15.5805,
44.8181

■ 70.2655, 72.3847,
52.9167

■ 13.8070, 12.8820,
44.4072

■ 77.2402, 80.2415,
54.0656

■ 12.1936, 10.6286,
44.0572

■ 80.2944, 86.3498,
55.0836

■ 11.0033, 8.7867,
43.7645

■ 83.5354, 92.8319,
56.1640

■ 10.4293, 7.8397,
43.6119

■ 85.1368, 96.0347,
56.6978

Harmonies

Analogous

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



33.4668, 36.6756, 46.5812



34.7386, 36.6756, 47.8960



36.0753, 36.6756, 46.9650

Triad

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



34.7386, 36.6756, 47.8960



37.2348, 36.6756, 36.5881



32.7020, 36.6756, 36.0267

Complementary

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



34.7386, 36.6756, 47.8960



38.6114, 40.2927, 36.3149

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.



33.6705, 36.6756, 33.6414



34.7386, 36.6756, 47.8960



36.2894, 36.6756, 33.9504

Square

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



34.7386, 36.6756, 47.8960



37.5385, 36.6756, 40.2799



34.9798, 36.6756, 32.9063



32.3103, 36.6756, 39.5891

Rectangle

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



34.7386, 36.6756, 47.8960



36.8193, 36.6756, 45.2275



34.9798, 36.6756, 32.9063



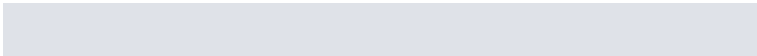
32.9697, 36.6756, 35.0696

Sweetspot

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



34.7397, 36.6771, 47.8968



72.2601, 76.1351, 87.2682



36.5696, 41.9599, 43.5037



15.8317, 16.6846, 19.3083



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.



34.7397, 36.6771, 47.8968



59.1131, 62.4134, 85.3126



33.4195, 33.4430, 47.3421



8.3117, 8.7696, 10.7610



7.4298, 5.6601, 30.8379



0.2916, 0.2938, 0.9896

Inverse Universe

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



36.8477, 35.3762, 40.0098



63.7094, 59.7011, 68.0881



40.0660, 43.9113, 36.9367



8.6325, 8.5597, 9.5633



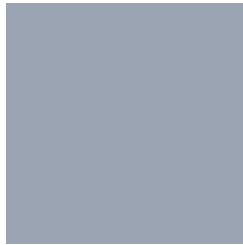
13.9849, 7.1115, 5.0804



0.4692, 0.2354, 0.3137

Previews

White Background



This preview shows how the XYZ color 34.7386, 36.6756, 47.8960 looks on a white background.

Color Contrast Check

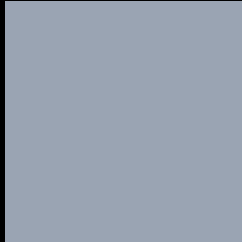
Large Text (above 18pt) WCAG AA × Fail

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 34.7386, 36.6756, 47.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

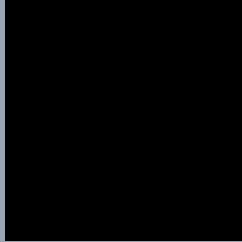
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

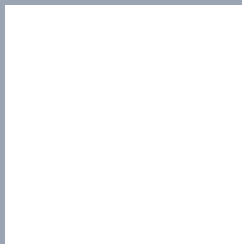
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7386, 36.6756, 47.8960

Background



This preview shows how black text looks on a background with the XYZ color 34.7386, 36.6756, 47.8960.

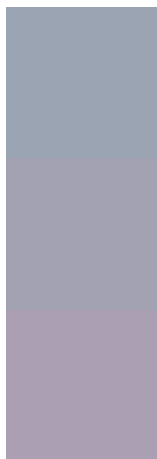


This preview shows how white text looks on a background with the XYZ color 34.7386, 36.6756,

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

34.7386, 36.6756, 47.8960

Protanopia

35.8565, 36.7364, 47.3205

Deuteranopia

37.4309, 36.7495, 48.3006



Tritanopia

34.5377, 36.5953, 46.8382

Trichromacy



Original Color

34.7386, 36.6756, 47.8960

Protanomaly

35.4311, 36.7797, 47.3512

Deuteranomaly

36.5001, 36.7844, 48.3563

Tritanomaly

34.6378, 36.6353, 47.3652

Monochromacy



Original Color

34.7386, 36.6756, 47.8960

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.7558, 36.5325, 42.7558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7386, 36.6756, 47.8960 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(154, 164, 179)` looks like.

```
.text, #text, p{  
    color:rgb(154, 164, 179)  
}
```

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(154, 164, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 179) }
```

Border

The CSS property to change the border of an element to XYZ 34.7386, 36.6756, 47.8960 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(154, 164, 179) }
```


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

```
.border{ border-color:rgb(154, 164, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 164, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 179);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7386, 36.6756, 47.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 179) }
```

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

```
.background{ background-color: rgb(154,  
164, 179) }
```

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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