

# Converting Colors

XYZ(34.1246, 35.3238, 47.1483)

Have a look what the booklet for  
XYZ(34.1246, 35.3238, 47.1483)  
contains.

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# Color

**XYZ(34.1243, 35.3245,  
47.1393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BA0B2
RGB	155, 160, 178
RGB Percent	61%, 63%, 70%
CMY	0.3921, 0.3725, 0.3020
CMYK	0.13, 0.10, 0.00, 0.30
HSL	227°, 13%, 65%
HSV	227°, 13%, 70%
XYZ	34.1243, 35.3245, 47.1393
YIQ	160.5570, -8.7580, 4.5380

# Conversions

## Conversions Part 2

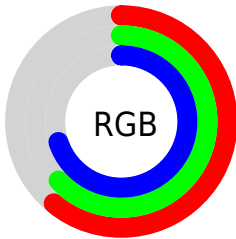
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 159, 178
Decimal	10199218
CIELab	66.00, 1.92, -9.92
CIElCh	66, 10.103, 280.941
Yxy	35.3245, 0.2927, 0.3030
Android (android.graphics.Color)	4288389298 (0xFF9BA0B2)
YUV	160.5570, 8.5994, -4.8735
Hunter-Lab	59.4344, -1.5244, -5.4207

# Details

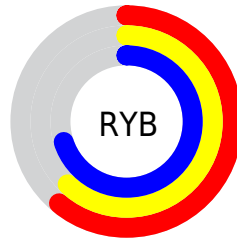
The XYZ color **34.1243, 35.3245, 47.1393** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2204, 41.7188, 36.9966**, and the grayscale version is **33.6361, 35.3878, 38.5373**.

A 20% lighter version of the original color is **65.7301, 68.2430, 87.5498**, and **14.8792, 15.3610, 21.5828** is the 20% darker color. If you saturate the color by 10%, you get **28.6760, 29.1305, 46.2315**, and if you desaturate by 10%, it is **40.3489, 42.3222, 48.1625**.

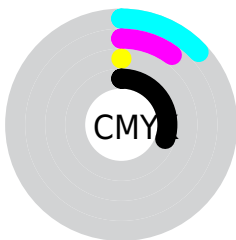
# Distribution



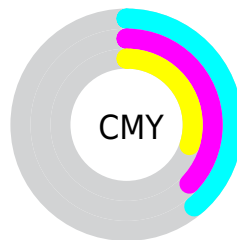
- Red (61%)
- Green (63%)
- Blue (70%)



- Red (61%)
- Yellow (62%)
- Blue (70%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (37%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1243, 35.3245, 47.1393 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 34.1243, 35.3245, 47.1393 by changing the saturation by 10% instead.



■ 34.1243, 35.3245,  
47.1393

■ 34.1243, 35.3245,  
47.1393

312.2621,  
325.9983, 391.7801

■ 23.1524, 23.9129,  
32.7907

■ 65.4699, 67.9882,  
87.2737

■ 14.8274, 15.2691,  
21.6963

■ 86.5744, 90.0091,  
113.8965

■ 8.7839, 9.0084,  
13.4378

111.7871,  
116.3352, 145.4478

■ 4.6565, 4.7467,  
7.5964

141.4735,  
147.3510, 182.3461

■ 2.0798, 2.0994,  
3.7538

175.9988,  
183.4408, 225.0099

■ 0.6782, 0.6643,  
1.4913

215.7285,

■ 0.0000, 0.0000,

224.9890, 273.8578

0.2114

261.0278,  
272.3801, 329.3084

■ 0.0000, 0.0000,  
0.0000

■ 34.1243, 35.3245,  
47.1393

■ 34.1243, 35.3245,  
47.1393

■ 28.6760, 29.1305,  
46.2315

■ 40.3489, 42.3222,  
48.1625

■ 23.9699, 23.7067,  
45.4326

■ 47.3757, 50.1467,  
49.3024

■ 19.9743, 19.0237,  
44.7393

■ 55.2333, 58.8258,  
50.5635

■ 16.6536, 15.0485,  
44.1470

■ 63.9478, 68.3845,  
51.9492

■ 13.9692, 11.7455,  
43.6509

■ 73.5445, 78.8468,  
53.4628

■ 11.8785, 9.0758,  
43.2458

■ 81.5001, 88.9226,  
54.9884

■ 10.3331, 6.9962,  
42.9259

■ 85.0360, 95.9944,  
56.1670

■ 9.2766, 5.4578,  
42.6846

■ 8.7520, 4.6464,  
42.5557

# Harmonies

## Analogous

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



32.6435, 35.3245, 46.7942



34.1243, 35.3245, 47.1393



35.4971, 35.3245, 45.0332

# Triad

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



34.1243, 35.3245, 47.1393



35.7970, 35.3245, 33.3083



30.9265, 35.3245, 35.8322

# Complementary

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



34.1243, 35.3245, 47.1393



39.2204, 41.7188, 36.9966

# 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.



31.7234, 35.3245, 32.5640



34.1243, 35.3245, 47.1393



34.5238, 35.3245, 31.1834

# Square

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



34.1243, 35.3245, 47.1393



36.4817, 35.3245, 36.9185



33.0314, 35.3245, 30.9214



30.8267, 35.3245, 40.0487



# Rectangle

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



34.1243, 35.3245, 47.1393



36.1550, 35.3245, 42.6079



33.0314, 35.3245, 30.9214



31.1206, 35.3245, 34.5949

# Sweetspot

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



34.1254, 35.3260, 47.1401



71.8001, 75.2152, 87.1149



36.9461, 41.8130, 45.4735



15.7118, 16.4450, 19.2683



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.



34.1254, 35.3260, 47.1401



58.4131, 60.1307, 84.9089



34.4829, 34.2489, 46.9133



8.1868, 8.5199, 10.7193



6.3012, 3.4028, 30.4617



0.2411, 0.1927, 0.9727



# Inverse Universe

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



36.4275, 35.4466, 38.1812



63.5716, 60.4710, 64.8189



38.8215, 42.9636, 37.2579



8.5695, 8.5345, 9.2315



13.4152, 6.8836, 2.0805

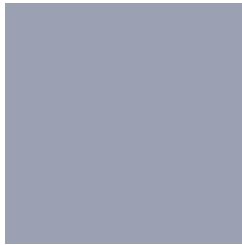


0.4437, 0.2252, 0.1793



# Previews

## White Background



This preview shows how the XYZ color 34.1243, 35.3245, 47.1393 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

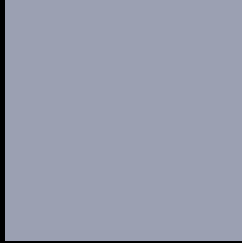
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 34.1243, 35.3245, 47.1393 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

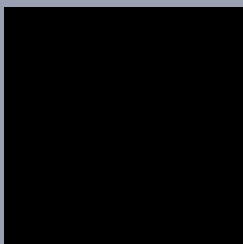
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

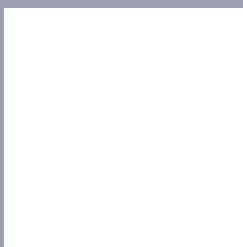
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 34.1243, 35.3245, 47.1393**

## **Background**



This preview shows how black text looks on a background with the XYZ color 34.1243, 35.3245, 47.1393.



This preview shows how white text looks on a background with the XYZ color 34.1243, 35.3245,



# 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

34.1243, 35.3245, 47.1393

### Protanopia

34.4345, 35.2397, 46.5820

### Deuteranopia

35.9615, 35.2471, 47.5558



## Tritanopia

33.6141, 35.3769, 44.5919

# Trichromacy



## Original Color

34.1243, 35.3245, 47.1393

## Protanomaly

34.2386, 35.1387, 46.5729

## Deuteranomaly

35.2979, 35.1551, 47.5730

## Tritanomaly

33.8092, 35.4549, 45.6190

# Monochromacy



## Original Color

34.1243, 35.3245, 47.1393

## Achromatopsia

33.8758, 35.6400, 38.8120

## Achromatomaly

34.0180, 35.6507, 41.6475

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 34.1243, 35.3245, 47.1393 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(155, 160, 178)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 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(155, 160, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 178) }
```

## Border

The CSS property to change the border of an element to XYZ 34.1243, 35.3245, 47.1393 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(155, 160, 178) }
```



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

```
.border{ border-color:rgb(155, 160, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 160, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 160, 178);  
box-shadow:4px 4px 4px 4px rgb(155, 160,  
178) }
```

# Background

The CSS property to change the background color of an element to XYZ 34.1243, 35.3245, 47.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 178) }
```

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

```
.background{ background-color: rgb(155,  
160, 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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