

Converting Colors

XYZ(35.3332, 37.4880, 45.9313)

Have a look what the booklet for
XYZ(35.3332, 37.4880, 45.9313)
contains.

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Color

**XYZ(35.4746, 37.6367,
45.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA6AF
RGB	158, 166, 175
RGB Percent	62%, 65%, 69%
CMY	0.3804, 0.3490, 0.3137
CMYK	0.10, 0.05, 0.00, 0.31
HSL	212°, 10%, 65%
HSV	212°, 10%, 69%
XYZ	35.4746, 37.6367, 45.9523
YIQ	164.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

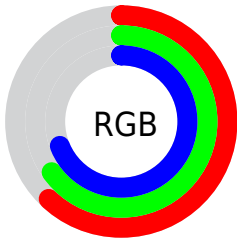
Format	Color
RYB	158, 163, 175
Decimal	10397359
CIELab	67.75, -1.01, -5.62
CIELCh	68, 5.708, 259.858
Yxy	37.6367, 0.2979, 0.3161
Android (android.graphics.Color)	4288587439 (0xFF9EA6AF)
YUV	164.6340, 5.1104, -5.8180
Hunter-Lab	61.3488, -4.1436, -1.4661

Details

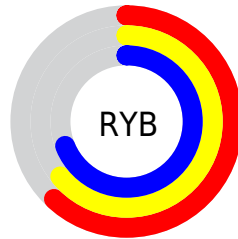
The XYZ color **35.4746, 37.6367, 45.9523** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6695, 39.2196, 37.9331**, and the grayscale version is **35.5688, 37.4211, 40.7516**.

A 20% lighter version of the original color is **67.7208, 71.6286, 85.8577**, and **15.6559, 16.5905, 21.1160** is the 20% darker color. If you saturate the color by 10%, you get **30.6512, 32.7410, 45.2621**, and if you desaturate by 10%, it is **40.9117, 43.0308, 46.7075**.

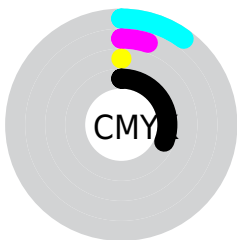
Distribution



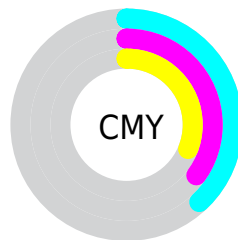
- Red (62%)
- Green (65%)
- Blue (69%)



- Red (62%)
- Yellow (64%)
- Blue (69%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4746, 37.6367, 45.9523 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 35.4746, 37.6367, 45.9523 by changing the saturation by 10% instead.

■ 35.4746, 37.6367,
45.9523

■ 35.4746, 37.6367,
45.9523

318.1297,
336.0589, 386.8889

■ 24.1969, 25.7008,
31.8598

■ 67.5495, 71.5510,
85.4811

■ 15.6053, 16.6000,
20.9905

■ 89.0775, 94.2981,
111.7545

■ 9.3343, 9.9497,
12.9259

114.7529,
121.4179, 142.9253

■ 5.0188, 5.3656,
7.2474

144.9412,
153.2946, 179.4120

■ 2.2931, 2.4633,
3.5365

180.0077,
190.3127, 221.6332

■ 0.7912, 0.8582,
1.3747

220.3177,

■ 0.0000, 0.0000,

232.8565, 270.0074

0.1219

266.2366,
281.3104, 324.9531

■ 0.0000, 0.0000,
0.0000

■ 35.4746, 37.6367,
45.9523

■ 35.4746, 37.6367,
45.9523

■ 30.6512, 32.7410,
45.2621

■ 40.9117, 43.0308,
46.7075

■ 26.4150, 28.3233,
44.6327

■ 46.9810, 48.9335,
47.5269

■ 22.7425, 24.3685,
44.0629

■ 53.7044, 55.3606,
48.4131

■ 19.6071, 20.8589,
43.5508

■ 61.1015, 62.3257,
49.3676

■ 16.9798, 17.7755,
43.0941

■ 69.1914, 69.8419,
50.3920

■ 14.8289, 15.0975,
42.6905

■ 74.9866, 76.3724,
51.3471

■ 13.1185, 12.8019,
42.3376

■ 77.5084, 81.4160,
52.1877

■ 11.8067, 10.8623,
42.0323

■ 80.1673, 86.7338,
53.0740

■ 10.8105, 9.2310,
41.7700

■ 82.9654, 92.3300,
54.0067

Harmonies

Analogous

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



34.6897, 37.6367, 44.8084



35.4746, 37.6367, 45.9523



36.3521, 37.6367, 45.7227

Triad

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



35.4746, 37.6367, 45.9523



37.3924, 37.6367, 39.3512



34.4910, 37.6367, 37.9262

Complementary

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



35.4746, 37.6367, 45.9523



37.6695, 39.2196, 37.9331

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.



35.1992, 37.6367, 36.5771



35.4746, 37.6367, 45.9523



36.8777, 37.6367, 37.3761

Square

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



35.4746, 37.6367, 45.9523



37.4690, 37.6367, 41.8416



36.0722, 37.6367, 36.3799



34.1281, 37.6367, 40.1302

Rectangle

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



35.4746, 37.6367, 45.9523



36.8711, 37.6367, 44.8248



36.0722, 37.6367, 36.3799



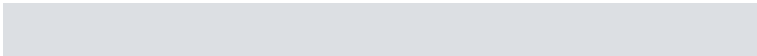
34.6960, 37.6367, 37.3616

Sweetspot

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



35.4757, 37.6383, 45.9531



69.8967, 73.7418, 83.1865



36.3861, 40.7116, 42.3952



15.3601, 16.2166, 18.4649



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.



35.4757, 37.6383, 45.9531



61.2797, 65.1392, 81.9802



34.1216, 34.8473, 45.4858



7.8781, 8.3556, 10.1503



7.7834, 6.7007, 29.9277



0.2716, 0.2965, 0.8509

Inverse Universe

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



36.7898, 36.3215, 41.1500



64.2028, 62.2805, 71.2802



39.1177, 42.2104, 38.4340



8.1563, 8.0758, 9.1338



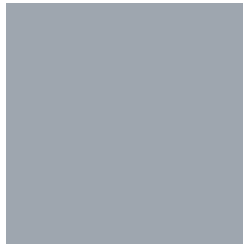
13.7924, 6.9795, 6.5520



0.4115, 0.2053, 0.3286

Previews

White Background



This preview shows how the XYZ color 35.4746, 37.6367, 45.9523 looks on a white background.

Color Contrast Check

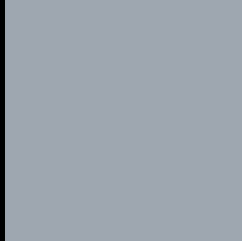
Large Text (above 18pt) WCAG AA × Fail

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 35.4746, 37.6367, 45.9523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

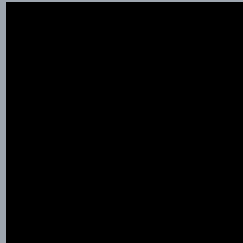
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

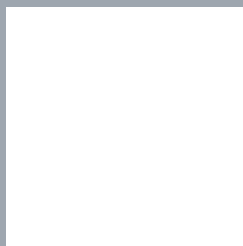
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4746, 37.6367, 45.9523

Background



This preview shows how black text looks on a background with the XYZ color 35.4746, 37.6367, 45.9523.



This preview shows how white text looks on a background with the XYZ color 35.4746, 37.6367,

45.9523.

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

35.4746, 37.6367, 45.9523

Protanopia

36.4325, 37.6062, 45.3829

Deuteranopia

38.3118, 37.5063, 46.2945



Tritanopia

35.8899, 37.5359, 48.0014

Trichromacy



Original Color

35.4746, 37.6367, 45.9523

Protanomaly

35.9954, 37.6476, 45.4140

Deuteranomaly

37.1190, 37.4103, 46.3388

Tritanomaly

35.7891, 37.4955, 47.4706

Monochromacy



Original Color

35.4746, 37.6367, 45.9523

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5169, 37.4562, 42.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4746, 37.6367, 45.9523 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, 166, 175) looks like.

```
.text, #text, p{  
    color:rgb(158, 166, 175)  
}
```

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, 166, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 166, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.4746, 37.6367, 45.9523 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, 166, 175) }
```


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

```
.border{ border-color:rgb(158, 166, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 166, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 166, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 166, 175);  
box-shadow:4px 4px 4px 4px rgb(158, 166,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4746, 37.6367, 45.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 166, 175) }
```

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

```
.background{ background-color: rgb(158,  
166, 175) }
```

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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