

Converting Colors

XYZ(34.7110, 36.7563, 42.4634)

Have a look what the booklet for
XYZ(34.7110, 36.7563, 42.4634)
contains.

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Color

**XYZ(34.6414, 36.7490,
42.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA4A8
RGB	159, 164, 168
RGB Percent	62%, 64%, 66%
CMY	0.3765, 0.3568, 0.3412
CMYK	0.05, 0.02, 0.00, 0.34
HSL	207°, 5%, 64%
HSV	207°, 5%, 66%
XYZ	34.6414, 36.7490, 42.3133
YIQ	162.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

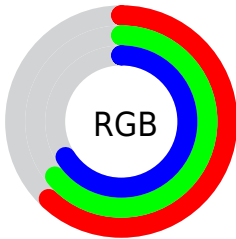
Format	Color
R_{YB}	159, 162, 168
Decimal	10462376
CIE Lab	67.09, -0.99, -2.69
CIE LCh	67, 2.868, 249.913
Yxy	36.7490, 0.3047, 0.3232
Android (android.graphics.Color)	4288652456 (0xFF9FA4A8)
YUV	162.9610, 2.4842, -3.4738
Hunter-Lab	60.6210, -4.0842, 1.0504

Details

The XYZ color **34.6414, 36.7490, 42.3133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5037, 37.0220, 38.0761**, and the grayscale version is **34.7853, 36.5969, 39.8540**.

A 20% lighter version of the original color is **66.3824, 70.2869, 79.8800**, and **15.1309, 16.0374, 18.8210** is the 20% darker color. If you saturate the color by 10%, you get **30.2375, 32.5551, 41.7365**, and if you desaturate by 10%, it is **39.5786, 41.3362, 42.9391**.

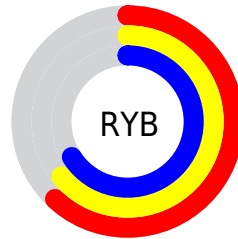
Distribution



Red (62%)

Green (64%)

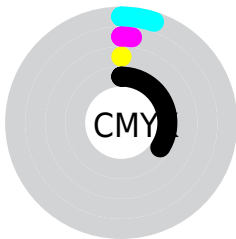
Blue (66%)



Red (62%)

Yellow (64%)

Blue (66%)

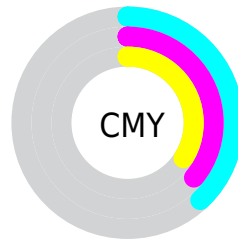


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (38%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6414, 36.7490, 42.3133 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 34.6414, 36.7490, 42.3133 by changing the saturation by 10% instead.

■ 34.6414, 36.7490,
42.3133

■ 34.6414, 36.7490,
42.3133

314.5185,
332.2226, 371.6179

■ 23.5520, 25.0132,
29.0193

■ 66.2676, 70.1866,
79.9488

■ 15.1246, 16.0869,
18.8497

■ 87.5350, 92.6572,
105.1273

■ 8.9937, 9.5857,
11.3860

112.9259,
119.4748, 135.1045

■ 4.7942, 5.1251,
6.2097

142.8055,
151.0239, 170.2987

■ 2.1605, 2.3209,
2.9022

177.5392,
187.6888, 211.1287

■ 0.7218, 0.7847,
1.0449

217.4923,

■ 0.0000, 0.0000,

229.8539, 258.0128

0.0000

263.0303,
277.9037, 311.3697

■ 34.6414, 36.7490,
42.3133

■ 34.6414, 36.7490,
42.3133

■ 30.2375, 32.5551,
41.7365

■ 39.5786, 41.3362,
42.9391

■ 26.3443, 28.7378,
41.2049

■ 45.0643, 46.3234,
43.6126

■ 22.9421, 25.2860,
40.7179

■ 51.1172, 51.7230,
44.3358

■ 20.0086, 22.1860,
40.2741

■ 57.7538, 57.5456,
45.1099

■ 17.5198, 19.4233,
39.8721

■ 64.9902, 63.8012,
45.9359

■ 15.4493, 16.9822,
39.5100

■ 71.0530, 69.5772,
46.7312

■ 13.7676, 14.8451,
39.1861

■ 72.9242, 73.3197,
47.3550

■ 12.4408, 12.9921,
38.8984

■ 74.8823, 77.2358,
48.0077

■ 11.4264, 11.3991,
38.6444

■ 76.9284, 81.3279,
48.6897

Harmonies

Analogous

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



34.2891, 36.7490, 41.5754



34.6414, 36.7490, 42.3133



35.0735, 36.7490, 42.4279

Triad

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



34.6414, 36.7490, 42.3133



35.7620, 36.7490, 39.6011



34.3931, 36.7490, 38.1982

Complementary

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



34.6414, 36.7490, 42.3133



35.5037, 37.0220, 38.0761

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.



34.7846, 36.7490, 37.6923



34.6414, 36.7490, 42.3133



35.5765, 36.7490, 38.4911

Square

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



34.6414, 36.7490, 42.3133



35.7229, 36.7490, 40.8445



35.2178, 36.7490, 37.7984



34.1466, 36.7490, 39.1937

Rectangle

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



34.6414, 36.7490, 42.3133



35.3490, 36.7490, 42.1330



35.2178, 36.7490, 37.7984



34.5120, 36.7490, 37.9662

Sweetspot

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



34.6425, 36.7506, 42.3141



65.7285, 69.3717, 77.1509



34.9032, 38.0176, 40.1025



14.3481, 15.1407, 16.8183



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.6425, 36.7506, 42.3141



62.2279, 66.0907, 76.7021



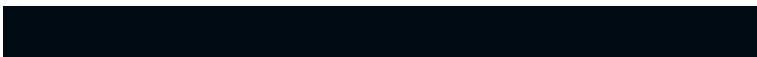
33.8681, 35.2018, 42.0560



7.7516, 8.2376, 9.5998



8.3706, 8.2015, 29.1174



0.2535, 0.2992, 0.7250

Inverse Universe

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



35.2482, 35.8021, 40.1765



63.4775, 64.1449, 72.2903



36.2992, 38.6129, 38.3413



7.9178, 7.9796, 9.0128



13.7257, 6.8990, 8.6331



0.3591, 0.1779, 0.3424

Previews

White Background



This preview shows how the XYZ color 34.6414, 36.7490, 42.3133 looks on a white background.

Color Contrast Check

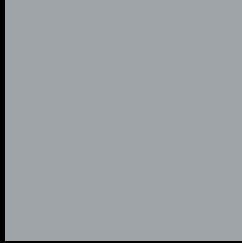
Large Text (above 18pt) WCAG AA × Fail

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 34.6414, 36.7490, 42.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

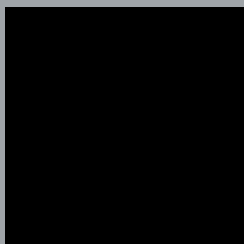
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6414, 36.7490, 42.3133

Background



This preview shows how black text looks on a background with the XYZ color 34.6414, 36.7490, 42.3133.



This preview shows how white text looks on a background with the XYZ color 34.6414, 36.7490,

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

34.6414, 36.7490, 42.3133

Protanopia

35.4124, 36.6300, 41.7631

Deuteranopia

37.2928, 36.5484, 42.6251



Tritanopia

35.4309, 36.8026, 46.3105

Trichromacy



Original Color

34.6414, 36.7490, 42.3133

Protanomaly

35.1765, 36.7709, 41.8027

Deuteranomaly

36.3098, 36.5522, 42.6777

Tritanomaly

35.1372, 36.6851, 44.7642

Monochromacy



Original Color

34.6414, 36.7490, 42.3133

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.7890, 36.5924, 40.8268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6414, 36.7490, 42.3133 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(159, 164, 168)` looks like.

```
.text, #text, p{  
    color:rgb(159, 164, 168)  
}
```

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(159, 164, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 164, 168) }
```

Border

The CSS property to change the border of an element to XYZ 34.6414, 36.7490, 42.3133 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(159, 164, 168) }
```


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

```
.border{ border-color:rgb(159, 164, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 164, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 164, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 164, 168);  
box-shadow:4px 4px 4px 4px rgb(159, 164,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6414, 36.7490, 42.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 164, 168) }
```

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

```
.background{ background-color: rgb(159,  
164, 168) }
```

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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