

Converting Colors

XYZ(34.4115, 35.6095, 32.7554)

Have a look what the booklet for
XYZ(34.4115, 35.6095, 32.7554)
contains.

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Color

**XYZ(34.2422, 35.4489,
32.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9F93
RGB	170, 159, 147
RGB Percent	67%, 62%, 58%
CMY	0.3333, 0.3765, 0.4235
CMYK	0.00, 0.06, 0.14, 0.33
HSL	31°, 12%, 62%
HSV	31°, 14%, 67%
XYZ	34.2422, 35.4489, 32.6413
YIQ	160.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

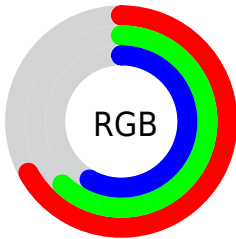
Format	Color
R_{YB}	168, 170, 147
Decimal	11181971
CIE Lab	66.10, 1.91, 7.69
CIE LCh	66, 7.926, 76.041
Yxy	35.4489, 0.3346, 0.3464
Android (android.graphics.Color)	4289372051 (0xFFAA9F93)
YUV	160.9210, -6.8631, 7.9623
Hunter-Lab	59.5390, -1.5339, 9.1725

Details

The XYZ color **34.2422, 35.4489, 32.6413** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5151, 33.5585, 42.8471**, and the grayscale version is **33.8679, 35.6316, 38.8028**.

A 20% lighter version of the original color is **65.6405, 68.3177, 64.9854**, and **14.9451, 15.4212, 13.2552** is the 20% darker color. If you saturate the color by 10%, you get **31.6538, 32.2512, 25.6762**, and if you desaturate by 10%, it is **37.1217, 38.9125, 40.6769**.

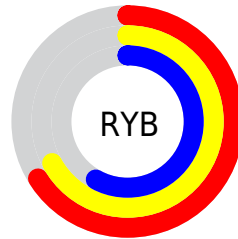
Distribution



Red (67%)

Green (62%)

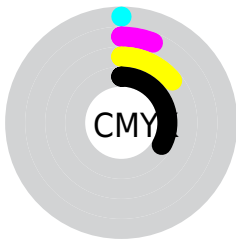
Blue (58%)



Red (66%)

Yellow (67%)

Blue (58%)

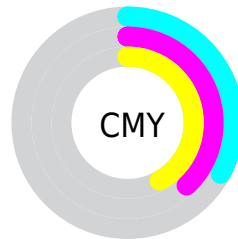


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2422, 35.4489, 32.6413 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 34.2422, 35.4489, 32.6413 by changing the saturation by 10% instead.


 34.2422, 35.4489,
32.6413


 34.2422, 35.4489,
32.6413


312.7776,
326.5453, 328.6126

 23.2435, 24.0089,
21.5829

 65.6519, 68.1806,
64.9246

 14.8951, 15.3402,
13.3554


 86.7937, 90.2411,
86.9867

 8.8316, 9.0585,
7.5401


112.0471,
116.6105, 113.5538

 4.6877, 4.7794,
3.7186

141.7776,
147.6732, 145.0443

 2.0981, 2.1184,
1.4723

176.3506,
183.8137, 181.8769

 0.6882, 0.6749,
0.1971

216.1313,

 0.0000, 0.0000,

225.4162, 224.4702

0.0000

261.4852,
272.8653, 273.2426

■ 34.2422, 35.4489,
32.6413

■ 34.2422, 35.4489,
32.6413

■ 31.6538, 32.2512,
25.6762

■ 37.1217, 38.9125,
40.6769

■ 29.3431, 29.3077,
19.7335

■ 40.2991, 42.6439,
49.8239

■ 27.3001, 26.6127,
14.7644

■ 43.7848, 46.6510,
60.1238

■ 25.5129, 24.1584,
10.7156

■ 47.5874, 50.9400,
71.6153

■ 23.9686, 21.9365,
7.5284

■ 51.7157, 55.5168,
84.3353

■ 22.6527, 19.9382,
5.1372

■ 56.1776, 60.3871,
98.3189

■ 21.5492, 18.1537,
3.4669

■ 59.1584, 64.8274,
104.0027

■ 20.6390, 16.5719,
2.4275

■ 61.2914, 69.0934,
104.7137

■ 20.1268, 15.6442,
1.9588

■ 63.5289, 73.5683,
105.4595

Harmonies

Analogous

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



35.2892, 35.4489, 34.1162



34.2422, 35.4489, 32.6413



33.0714, 35.4489, 32.6959

Triad

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



34.2422, 35.4489, 32.6413



31.5638, 35.4489, 40.4173



35.3492, 35.4489, 43.2757

Complementary

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



34.2422, 35.4489, 32.6413



31.5151, 33.5585, 42.8471

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.



34.3226, 35.4489, 45.1705



34.2422, 35.4489, 32.6413



32.1459, 35.4489, 43.4557

Square

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



34.2422, 35.4489, 32.6413



31.5435, 35.4489, 37.0548



33.1499, 35.4489, 45.2382



35.9383, 35.4489, 40.1831

Rectangle

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



34.2422, 35.4489, 32.6413



32.3786, 35.4489, 33.5889



33.1499, 35.4489, 45.2382



35.0428, 35.4489, 44.0815

Sweetspot

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



34.2432, 35.4505, 32.6421



67.0551, 70.2481, 72.9599



33.1934, 31.8866, 36.8062



14.8639, 15.5589, 16.0168



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.2432, 35.4505, 32.6421



60.7811, 62.6707, 55.5451



36.1365, 39.3599, 33.2969



7.8428, 8.1657, 7.9521



14.8615, 11.6203, 1.4596



0.4123, 0.3843, 0.0524

Inverse Universe

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



31.5151, 33.5585, 42.8471



54.9334, 58.6152, 77.4204



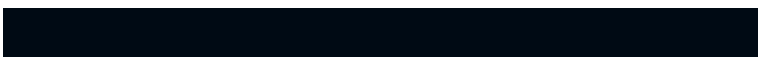
29.7914, 30.0088, 42.2528



7.4166, 7.8701, 9.5465



7.5725, 6.6053, 28.8513



0.2357, 0.2637, 0.7191

Previews

White Background



This preview shows how the XYZ color 34.2422, 35.4489, 32.6413 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 34.2422, 35.4489, 32.6413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

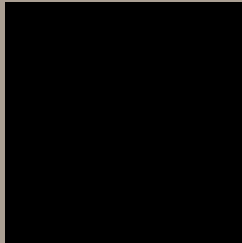
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

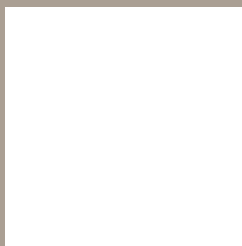
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2422, 35.4489, 32.6413

Background



This preview shows how black text looks on a background with the XYZ color 34.2422, 35.4489, 32.6413.

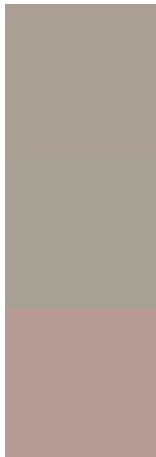


This preview shows how white text looks on a background with the XYZ color 34.2422, 35.4489,

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

34.2422, 35.4489, 32.6413

Protanopia

33.8525, 35.4952, 33.0840

Deuteranopia

36.1227, 35.4046, 32.9469



Tritanopia

36.1899, 35.4883, 41.9883

Trichromacy



Original Color

34.2422, 35.4489, 32.6413

Protanomaly

34.0646, 35.6046, 33.0939

Deuteranomaly

35.3652, 35.2622, 32.9593

Tritanomaly

35.4154, 35.4227, 38.2284

Monochromacy



Original Color

34.2422, 35.4489, 32.6413

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.8814, 35.4344, 36.5063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2422, 35.4489, 32.6413 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(170, 159, 147)` looks like.

```
.text, #text, p{  
    color:rgb(170, 159, 147)  
}
```

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(170, 159, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 159, 147) }
```

Border

The CSS property to change the border of an element to XYZ 34.2422, 35.4489, 32.6413 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(170, 159, 147) }
```


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

```
.border{ border-color:rgb(170, 159, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 159, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(170, 159,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2422, 35.4489, 32.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 159, 147) }
```

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

```
.background{ background-color: rgb(170,  
159, 147) }
```

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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