

Converting Colors

XYZ(34.0253, 34.0472, 42.9313)

Have a look what the booklet for
XYZ(34.0253, 34.0472, 42.9313)
contains.

XYZ(34.0813, 34.1315, 42.8220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.0813, 34.1315,
42.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	A39BAA
RGB	163, 155, 170
RGB Percent	64%, 61%, 67%
CMY	0.3608, 0.3921, 0.3333
CMYK	0.04, 0.09, 0.00, 0.33
HSL	272°, 8%, 64%
HSV	272°, 9%, 67%
XYZ	34.0813, 34.1315, 42.8220
YIQ	159.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

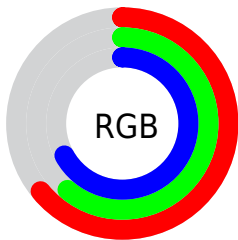
Format	Color
R_{YB}	163, 155, 170
Decimal	10722218
CIE _{Lab}	65.07, 5.79, -6.76
CIE _{LCh}	65, 8.904, 310.588
Yxy	34.1315, 0.3069, 0.3074
Android (android.graphics.Color)	4288912298 (0xFFA39BAA)
YUV	159.1020, 5.3727, 3.4185
Hunter-Lab	58.4222, 1.8914, -2.5626

Details

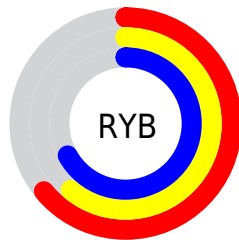
The XYZ color **34.0813, 34.1315, 42.8220** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1927, 38.7983, 36.6460**, and the grayscale version is **32.9783, 34.6958, 37.7837**.

A 20% lighter version of the original color is **65.3045, 65.9426, 80.5204**, and **14.7759, 14.5881, 19.1766** is the 20% darker color. If you saturate the color by 10%, you get **29.8752, 28.0555, 41.8714**, and if you desaturate by 10%, it is **38.7897, 41.0596, 43.9116**.

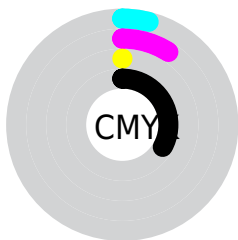
Distribution



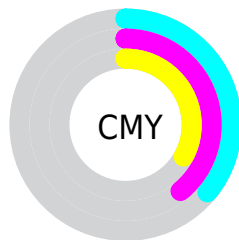
- Red (64%)
- Green (61%)
- Blue (67%)



- Red (64%)
- Yellow (61%)
- Blue (67%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0813, 34.1315, 42.8220 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 34.0813, 34.1315, 42.8220 by changing the saturation by 10% instead.

■ 34.0813, 34.1315,
42.8220

■ 34.0813, 34.1315,
42.8220

312.0740,
320.7180, 373.7789

■ 23.1192, 22.9946,
29.4151

■ 65.4035, 66.1381,
80.7257

■ 14.8028, 14.5895,
19.1468

■ 86.4944, 87.7766,
106.0595

■ 8.7665, 8.5318,
11.5985

111.6923,
113.6845, 136.2061

■ 4.6451, 4.4371,
6.3517

141.3625,
144.2462, 171.5839

■ 2.0732, 1.9210,
2.9879

175.8704,
179.8459, 212.6116

■ 0.6746, 0.5609,
1.0884

215.5814,

■ 0.0000, 0.0000,

220.8682, 259.7076

0.0000

260.8608,
267.6975, 313.2906

■ 34.0813, 34.1315,
42.8220

■ 34.0813, 34.1315,
42.8220

■ 29.8752, 28.0555,
41.8714

■ 38.7897, 41.0596,
43.9116

■ 26.1499, 22.7932,
41.0520

■ 44.0148, 48.8676,
45.1433

■ 22.8869, 18.3096,
40.3586

■ 49.7740, 57.5872,
46.5228

■ 20.0650, 14.5655,
39.7846

■ 56.0832, 67.2475,
48.0549

■ 17.6615, 11.5182,
39.3231

■ 62.9573, 77.8760,
49.7441

■ 15.6511, 9.1204,
38.9663

■ 69.7680, 88.2136,
51.3805

■ 14.0054, 7.3185,
38.7052

■ 72.0923, 89.4118,
51.4893

■ 12.6917, 6.0504,
38.5297

■ 74.5302, 90.6686,
51.6034

■ 11.6502, 5.2000,
38.4204

■ 77.0834, 91.9848,
51.7229

Harmonies

Analogous

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



32.8988, 34.1315, 44.5909



34.0813, 34.1315, 42.8220



34.8365, 34.1315, 39.5742

Triad

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



34.0813, 34.1315, 42.8220



33.2722, 34.1315, 30.8594



30.0639, 34.1315, 38.4837

Complementary

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



34.0813, 34.1315, 42.8220



35.1927, 38.7983, 36.6460

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.



30.1578, 34.1315, 34.8525



34.0813, 34.1315, 42.8220



31.9874, 34.1315, 30.6102

Square

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



34.0813, 34.1315, 42.8220



34.3609, 34.1315, 32.7315



30.8541, 34.1315, 32.0266



30.5939, 34.1315, 41.9783

Rectangle

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



34.0813, 34.1315, 42.8220



34.9844, 34.1315, 37.0906



30.8541, 34.1315, 32.0266



30.0239, 34.1315, 37.2363

Sweetspot

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



34.0823, 34.1330, 42.8227



66.6510, 68.9862, 78.8047



33.7390, 35.8010, 43.1628



14.7115, 15.1605, 17.5386



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.



34.0823, 34.1330, 42.8227



59.9420, 59.1707, 77.2637



35.5320, 34.8830, 42.7673



7.4994, 7.4901, 9.4688



8.5509, 3.7916, 28.2567



0.2663, 0.1223, 0.6902

Inverse Universe

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



34.8217, 34.5989, 39.0271



61.6345, 60.2369, 68.5940



33.8310, 38.0939, 36.6920



7.6713, 7.5984, 8.5865



13.2698, 6.7166, 6.2324



0.3489, 0.1738, 0.2886

Previews

White Background



This preview shows how the XYZ color 34.0813, 34.1315, 42.8220 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 34.0813, 34.1315, 42.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

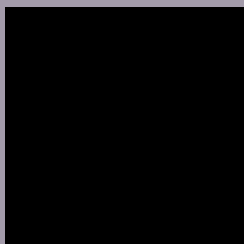
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0813, 34.1315, 42.8220

Background



This preview shows how black text looks on a background with the XYZ color 34.0813, 34.1315, 42.8220.



This preview shows how white text looks on a background with the XYZ color 34.0813, 34.1315,

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

34.0813, 34.1315, 42.8220

Protanopia

33.3123, 34.2223, 43.3779

Deuteranopia

34.7954, 34.0096, 42.7608



Tritanopia

33.8935, 34.0564, 41.8329

Trichromacy



Original Color

34.0813, 34.1315, 42.8220

Protanomaly

33.5372, 34.0881, 43.3401

Deuteranomaly

34.5372, 34.1205, 42.7958

Tritanomaly

33.9870, 34.0938, 42.3256

Monochromacy



Original Color

34.0813, 34.1315, 42.8220

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3349, 34.5716, 39.5664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0813, 34.1315, 42.8220 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(163, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(163, 155, 170)  
}
```

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(163, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 155, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.0813, 34.1315, 42.8220 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(163, 155, 170) }
```


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

```
.border{ border-color:rgb(163, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(163, 155,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0813, 34.1315, 42.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 155, 170) }
```

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

```
.background{ background-color: rgb(163,  
155, 170) }
```

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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