

Converting Colors

XYZ(34.4930, 35.1300, 41.2233)

Have a look what the booklet for
XYZ(34.4930, 35.1300, 41.2233)
contains.

XYZ(34.4196, 35.0994, 41.0371)	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(34.4196, 35.0994,
41.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	A49EA6
RGB	164, 158, 166
RGB Percent	64%, 62%, 65%
CMY	0.3569, 0.3804, 0.3490
CMYK	0.01, 0.05, 0.00, 0.35
HSL	285°, 4%, 64%
HSV	285°, 5%, 65%
XYZ	34.4196, 35.0994, 41.0371
YIQ	160.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

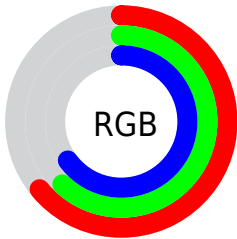
Format	Color
RYB	164, 158, 166
Decimal	10788518
CIELab	65.83, 3.69, -3.39
CIElCh	66, 5.011, 317.461
Yxy	35.0994, 0.3113, 0.3175
Android (android.graphics.Color)	4288978598 (0xFFA49EA6)
YUV	160.7060, 2.6099, 2.8888
Hunter-Lab	59.2447, 0.0254, 0.4029

Details

The XYZ color **34.4196, 35.0994, 41.0371** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3063, 37.2156, 37.7247**, and the grayscale version is **33.7287, 35.4852, 38.6434**.

A 20% lighter version of the original color is **66.0588, 67.8690, 78.0250**, and **14.9770, 15.1750, 18.0593** is the 20% darker color. If you saturate the color by 10%, you get **30.9347, 29.3804, 40.1174**, and if you desaturate by 10%, it is **38.3170, 41.6008, 42.0871**.

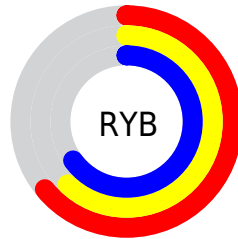
Distribution



Red (64%)

Green (62%)

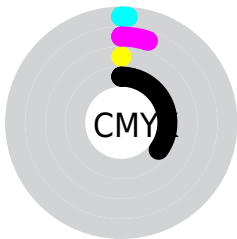
Blue (65%)



Red (64%)

Yellow (62%)

Blue (65%)

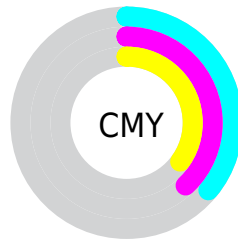


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (36%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4196, 35.0994, 41.0371 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 34.4196, 35.0994, 41.0371 by changing the saturation by 10% instead.

■ 34.4196, 35.0994,
41.0371

■ 34.4196, 35.0994,
41.0371

313.5521,
325.0069, 366.1569

■ 23.3805, 23.7395,
28.0282

■ 65.9256, 67.6397,
77.9945

■ 14.9970, 15.1405,
18.1077

■ 87.1233, 89.5889,
102.7800

■ 8.9036, 8.9180,
10.8571

112.4379,
115.8366, 132.3282

■ 4.7349, 4.6877,
5.8578

142.2348,
146.7672, 167.0574

■ 2.1257, 2.0652,
2.6914

176.8793,
182.7652, 207.3864

■ 0.7032, 0.6450,
0.9391

216.7367,

■ 0.0000, 0.0000,

224.2148, 253.7336

0.0000

262.1726,
271.5006, 306.5176

■ 34.4196, 35.0994,
41.0371

■ 34.4196, 35.0994,
41.0371

■ 30.9347, 29.3804,
40.1174

■ 38.3170, 41.6008,
42.0871

■ 27.8437, 24.4086,
39.3207

■ 42.6385, 48.9091,
43.2700

■ 25.1312, 20.1530,
38.6422

■ 47.3990, 57.0529,
44.5910

■ 22.7794, 16.5786,
38.0763

■ 52.6116, 66.0585,
46.0545

■ 20.7691, 13.6472,
37.6164

■ 58.2891, 75.9508,
47.6647

■ 19.0792, 11.3170,
37.2557

■ 63.6071, 85.0806,
49.1466

■ 17.6860, 9.5411,
36.9863

■ 64.6512, 85.6188,
49.1955

■ 16.5623, 8.2656,
36.7994

■ 65.7250, 86.1724,
49.2457

■ 15.6748, 7.4241,
36.6837

■ 66.8288, 86.7414,
49.2974

Harmonies

Analogous

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



33.7894, 35.0994, 42.2349



34.4196, 35.0994, 41.0371



34.7682, 35.0994, 39.1082

Triad

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



34.4196, 35.0994, 41.0371



33.6706, 35.0994, 34.3785



32.0229, 35.0994, 39.4522

Complementary

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



34.4196, 35.0994, 41.0371



34.3063, 37.2156, 37.7247

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.



31.9921, 35.0994, 37.3400



34.4196, 35.0994, 41.0371



32.9361, 35.0994, 34.4629

Square

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



34.4196, 35.0994, 41.0371



34.3315, 35.0994, 35.2947



32.3242, 35.0994, 35.5297



32.4088, 35.0994, 41.2969

Rectangle

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



34.4196, 35.0994, 41.0371



34.7907, 35.0994, 37.6910



32.3242, 35.0994, 35.5297



31.9708, 35.0994, 38.7485

Sweetspot

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



34.4206, 35.1009, 41.0379



65.0665, 68.0159, 75.1743



33.5788, 35.2117, 41.1036



14.5696, 15.2355, 16.8250



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.



34.4206, 35.1009, 41.0379



61.6093, 62.2820, 74.2498



34.6667, 35.2474, 40.1622



7.8878, 7.9525, 9.5376



11.8817, 5.5087, 28.4125



0.3318, 0.1560, 0.6933

Inverse Universe

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



34.2991, 35.1004, 38.2268



61.3355, 62.2829, 67.8190



34.0715, 37.0758, 38.5587



7.8506, 7.9527, 8.6590



12.5284, 6.4201, 2.3282



0.3246, 0.1641, 0.1611

Previews

White Background



This preview shows how the XYZ color 34.4196, 35.0994, 41.0371 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 34.4196, 35.0994, 41.0371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

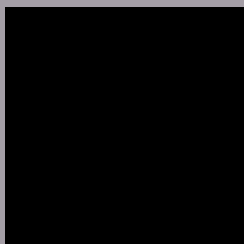
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

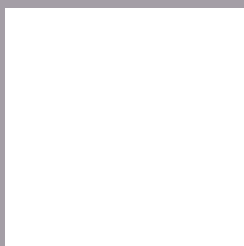
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4196, 35.0994, 41.0371

Background



This preview shows how black text looks on a background with the XYZ color 34.4196, 35.0994, 41.0371.



This preview shows how white text looks on a background with the XYZ color 34.4196, 35.0994,

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

34.4196, 35.0994, 41.0371

Protanopia

34.0711, 35.1634, 41.5507

Deuteranopia

35.7097, 35.0034, 41.4334



Tritanopia

34.8297, 35.0156, 42.9532

Trichromacy



Original Color

34.4196, 35.0994, 41.0371

Protanomaly

34.2735, 35.2677, 41.5602

Deuteranomaly

35.2257, 35.0020, 41.4587

Tritanomaly

34.7355, 34.9778, 42.4568

Monochromacy



Original Color

34.4196, 35.0994, 41.0371

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.0820, 35.4673, 39.6999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4196, 35.0994, 41.0371 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(164, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(164, 158, 166)  
}
```

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(164, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 158, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.4196, 35.0994, 41.0371 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(164, 158, 166) }
```


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

```
.border{ border-color:rgb(164, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(164, 158,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4196, 35.0994, 41.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 158, 166) }
```

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

```
.background{ background-color: rgb(164,  
158, 166) }
```

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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