

Converting Colors

XYZ(34.7679, 35.1986, 42.7508)

Have a look what the booklet for
XYZ(34.7679, 35.1986, 42.7508)
contains.

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Color

**XYZ(34.7924, 35.2485,
43.0001)**

Conversions

Conversions Part 1

Format	Color
Hex	A49EAA
RGB	164, 158, 170
RGB Percent	64%, 62%, 67%
CMY	0.3569, 0.3804, 0.3333
CMYK	0.04, 0.07, 0.00, 0.33
HSL	270°, 7%, 64%
HSV	270°, 7%, 67%
XYZ	34.7924, 35.2485, 43.0001
YIQ	161.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

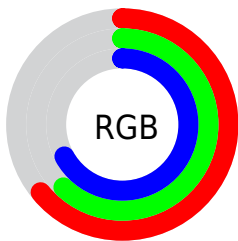
Format	Color
RYB	164, 158, 170
Decimal	10788522
CIELab	65.94, 4.48, -5.46
CIElCh	66, 7.057, 309.361
Yxy	35.2485, 0.3078, 0.3118
Android (android.graphics.Color)	4288978602 (0xFFA49EAA)
YUV	161.1620, 4.3571, 2.4889
Hunter-Lab	59.3704, 0.7067, -1.3825

Details

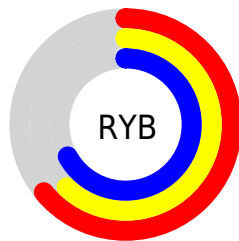
The XYZ color **34.7924, 35.2485, 43.0001** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8574, 39.1115, 38.0089**, and the grayscale version is **33.9329, 35.7000, 38.8774**.

A 20% lighter version of the original color is **66.5983, 68.0848, 80.8657**, and **15.2098, 15.2681, 19.2849** is the 20% darker color. If you saturate the color by 10%, you get **30.3949, 28.9713, 42.0208**, and if you desaturate by 10%, it is **39.7104, 42.3915, 44.1202**.

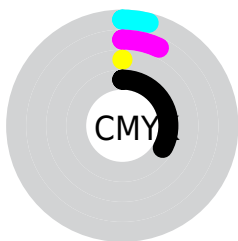
Distribution



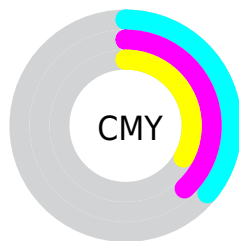
- Red (64%)
- Green (62%)
- Blue (67%)



- Red (64%)
- Yellow (62%)
- Blue (67%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7924, 35.2485, 43.0001 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 34.7924, 35.2485, 43.0001 by changing the saturation by 10% instead.

■ 34.7924, 35.2485,
43.0001

■ 34.7924, 35.2485,
43.0001

315.1751,
325.6638, 374.5334

■ 23.6688, 23.8544,
29.5538

■ 66.5002, 67.8706,
80.9974

■ 15.2115, 15.2256,
19.2510

■ 87.8150, 89.8673,
106.3854

■ 9.0552, 8.9779,
11.6731

113.2577,
116.1669, 136.5911

■ 4.8346, 4.7268,
6.4017

143.1935,
147.1540, 172.0330

■ 2.1843, 2.0879,
3.0181

177.9878,
183.2128, 213.1297

■ 0.7345, 0.6578,
1.1039

218.0059,

■ 0.0000, 0.0000,

224.7278, 260.2996

0.0000

263.6132,
272.0833, 313.9613

■ 34.7924, 35.2485,
43.0001

■ 34.7924, 35.2485,
43.0001

■ 30.3949, 28.9713,
42.0208

■ 39.7104, 42.3915,
44.1202

■ 26.4961, 23.5214,
41.1743

■ 45.1635, 50.4277,
45.3839

■ 23.0774, 18.8641,
40.4556

■ 51.1694, 59.3890,
46.7971

■ 20.1173, 14.9606,
39.8581

■ 57.7442, 69.3043,
48.3644

■ 17.5929, 11.7685,
39.3750

■ 64.9031, 80.2011,
50.0903

■ 15.4790, 9.2411,
38.9986

■ 71.0436, 88.8712,
51.4402

■ 13.7473, 7.3260,
38.7202

■ 73.6057, 90.1920,
51.5601

■ 12.3653, 5.9624,
38.5299

■ 76.2995, 91.5807,
51.6862

■ 11.2861, 5.0606,
38.4127

■ 79.1268, 93.0382,
51.8185

Harmonies

Analogous

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



33.8303, 35.2485, 44.3384



34.7924, 35.2485, 43.0001



35.4172, 35.2485, 40.4427

Triad

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



34.7924, 35.2485, 43.0001



34.2155, 35.2485, 33.2453



31.5601, 35.2485, 39.3227

Complementary

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



34.7924, 35.2485, 43.0001



35.8574, 39.1115, 38.0089

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.



31.6583, 35.2485, 36.3880



34.7924, 35.2485, 43.0001



33.1771, 35.2485, 32.9802

Square

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



34.7924, 35.2485, 43.0001



35.0794, 35.2485, 34.8466



32.2452, 35.2485, 34.1026



31.9739, 35.2485, 42.1437

Rectangle

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



34.7924, 35.2485, 43.0001



35.5510, 35.2485, 38.4438



32.2452, 35.2485, 34.1026



31.5345, 35.2485, 38.3155

Sweetspot

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



34.7934, 35.2500, 43.0009



67.4878, 70.2629, 79.0070



34.6688, 36.7952, 43.3057



15.0723, 15.7012, 17.6239



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.



34.7934, 35.2500, 43.0009



62.2149, 62.6424, 77.8140



36.0179, 35.8813, 43.0582



7.4757, 7.4778, 9.4677



8.1564, 3.5882, 28.2382



0.2575, 0.1178, 0.6898

Inverse Universe

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



35.5065, 35.6817, 40.1396



63.7028, 63.5431, 71.8435



34.6875, 38.5084, 37.9541



7.6817, 7.6025, 8.6410



13.4295, 6.7805, 7.0733



0.3526, 0.1753, 0.3082

Previews

White Background



This preview shows how the XYZ color 34.7924, 35.2485, 43.0001 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 34.7924, 35.2485, 43.0001 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 34.7924, 35.2485, 43.0001

Background



This preview shows how black text looks on a background with the XYZ color 34.7924, 35.2485, 43.0001.

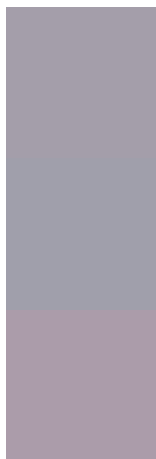


This preview shows how white text looks on a background with the XYZ color 34.7924, 35.2485,

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

34.7924, 35.2485, 43.0001

Protanopia

34.2460, 35.2101, 43.5194

Deuteranopia

35.9388, 35.3371, 42.9568



Tritanopia

34.7924, 35.2485, 43.0001

Trichromacy



Original Color

34.7924, 35.2485, 43.0001

Protanomaly

34.4468, 35.3136, 43.5287

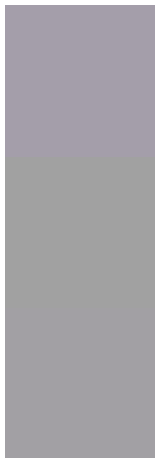
Deuteranomaly

35.4611, 35.3411, 42.9827

Tritanomaly

34.7924, 35.2485, 43.0001

Monochromacy



Original Color

34.7924, 35.2485, 43.0001

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1719, 35.5033, 40.1737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7924, 35.2485, 43.0001 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 158, 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(164, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 158, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.7924, 35.2485, 43.0001 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, 170) }
```


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

```
.border{ border-color:rgb(164, 158, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 158,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7924, 35.2485, 43.0001 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, 170) }
```

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

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