

Converting Colors

XYZ(35.3632, 34.6744, 43.9595)

Have a look what the booklet for
XYZ(35.3632, 34.6744, 43.9595)
contains.

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Color

**XYZ(35.3162, 34.7461,
43.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	A89BAC
RGB	168, 155, 172
RGB Percent	66%, 61%, 67%
CMY	0.3412, 0.3921, 0.3255
CMYK	0.02, 0.10, 0.00, 0.33
HSL	286°, 9%, 64%
HSV	286°, 10%, 67%
XYZ	35.3162, 34.7461, 43.8750
YIQ	160.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

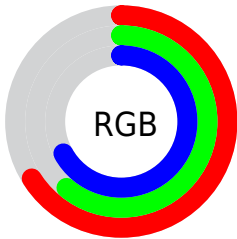
Format	Color
R_{YB}	168, 155, 172
Decimal	11049900
CIE _{Lab}	65.55, 7.95, -7.12
CIE _{LCh}	66, 10.670, 318.148
Yxy	34.7461, 0.3100, 0.3050
Android (android.graphics.Color)	4289239980 (0xFFA89BAC)
YUV	160.8250, 5.5093, 6.2925
Hunter-Lab	58.9458, 3.7895, -2.8691

Details

The XYZ color **35.3162, 34.7461, 43.8750** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9683, 39.2434, 36.7438**, and the grayscale version is **33.7704, 35.5291, 38.6912**.

A 20% lighter version of the original color is **67.0970, 66.8350, 82.0371**, and **15.5429, 14.9697, 19.8395** is the 20% darker color. If you saturate the color by 10%, you get **31.8072, 28.9869, 42.9488**, and if you desaturate by 10%, it is **39.2619, 41.3376, 44.9398**.

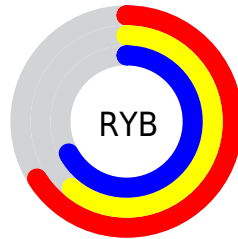
Distribution



Red (66%)

Green (61%)

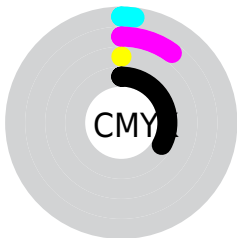
Blue (67%)



Red (66%)

Yellow (61%)

Blue (67%)

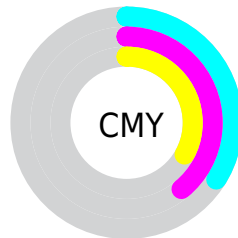


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3162, 34.7461, 43.8750 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 35.3162, 34.7461, 43.8750 by changing the saturation by 10% instead.

■ 35.3162, 34.7461,
43.8750

■ 35.3162, 34.7461,
43.8750

317.4454,
323.4462, 378.2244

■ 24.0742, 23.4674,
30.2358

■ 67.3061, 67.0922,
82.3301

■ 15.5137, 14.9390,
19.7641

■ 88.7848, 88.9284,
107.9830

■ 9.2694, 8.7766,
12.0413

114.4063,
115.0526, 138.4776

■ 4.9758, 4.5957,
6.6489

144.5362,
145.8491, 174.2324

■ 2.2677, 2.0121,
3.1684

179.5396,
181.7023, 215.6660

■ 0.7781, 0.6145,
1.1813

219.7821,

■ 0.0000, 0.0000,

222.9966, 263.1968

0.0000

265.6289,
270.1164, 317.2434

■ 35.3162, 34.7461,
43.8750

■ 35.3162, 34.7461,
43.8750

■ 31.8072, 28.9869,
42.9488

■ 39.2619, 41.3376,
44.9398

■ 28.7143, 24.0212,
42.1534

■ 43.6574, 48.7893,
46.1465

■ 26.0200, 19.8134,
41.4832

■ 48.5195, 57.1333,
47.5008

■ 23.7041, 16.3239,
40.9317

■ 53.8626, 66.3988,
49.0076

■ 21.7449, 13.5092,
40.4917

■ 59.7011, 76.6136,
50.6715

■ 20.1178, 11.3208,
40.1550

■ 65.0173, 85.7425,
52.1534

■ 18.7954, 9.7041,
39.9127

■ 66.0584, 86.2792,
52.2021

■ 17.7452, 8.5947,
39.7539

■ 67.1279, 86.8305,
52.2522

■ 16.8979, 7.8542,
39.6556

■ 68.2261, 87.3967,
52.3036

Harmonies

Analogous

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



33.9707, 34.7461, 46.6213



35.3162, 34.7461, 43.8750



36.0566, 34.7461, 39.6293

Triad

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



35.3162, 34.7461, 43.8750



33.6467, 34.7461, 30.0140



30.2490, 34.7461, 40.5791

Complementary

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



35.3162, 34.7461, 43.8750



34.9683, 39.2434, 36.7438

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.



30.1685, 34.7461, 36.0910



35.3162, 34.7461, 43.8750



32.0973, 34.7461, 30.2243

Square

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



35.3162, 34.7461, 43.8750



35.0726, 34.7461, 31.7731



30.8353, 34.7461, 32.3721



31.0590, 34.7461, 44.6174

Rectangle

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



35.3162, 34.7461, 43.8750



36.0924, 34.7461, 36.6251



30.8353, 34.7461, 32.3721



30.1367, 34.7461, 39.0664

Sweetspot

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



35.3172, 34.7476, 43.8758



68.8690, 71.0331, 80.8867



33.4066, 34.8310, 43.9926



14.8417, 15.2276, 17.5447



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.



35.3172, 34.7476, 43.8758



62.5149, 60.4659, 79.1820



35.7803, 35.0327, 41.8008



8.1501, 8.0517, 10.0773



12.6176, 5.8645, 29.5115



0.3953, 0.1860, 0.8230

Inverse Universe

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



34.9938, 34.7181, 37.6595



61.8143, 60.4089, 65.4086



34.5511, 38.9864, 38.6203



8.0796, 8.0451, 8.7300



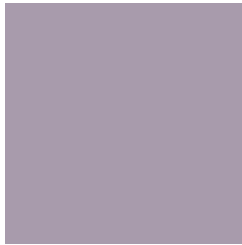
12.9701, 6.6506, 2.2218



0.3818, 0.1934, 0.1723

Previews

White Background



This preview shows how the XYZ color 35.3162, 34.7461, 43.8750 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 35.3162, 34.7461, 43.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

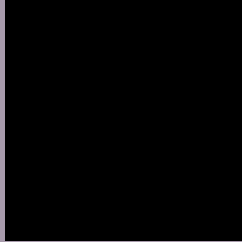
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3162, 34.7461, 43.8750

Background



This preview shows how black text looks on a background with the XYZ color 35.3162, 34.7461, 43.8750.



This preview shows how white text looks on a background with the XYZ color 35.3162, 34.7461,

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

35.3162, 34.7461, 43.8750

Protanopia

33.9674, 34.7788, 44.9671

Deuteranopia

35.5299, 34.8563, 43.8850



Tritanopia

34.8927, 34.8196, 41.9276

Trichromacy



Original Color

35.3162, 34.7461, 43.8750

Protanomaly

34.5001, 34.8125, 44.4363

Deuteranomaly

35.5299, 34.8563, 43.8850

Tritanomaly

34.9862, 34.8570, 42.4202

Monochromacy



Original Color

35.3162, 34.7461, 43.8750

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4995, 35.4054, 40.6129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3162, 34.7461, 43.8750 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(168, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(168, 155, 172)  
}
```

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(168, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 155, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.3162, 34.7461, 43.8750 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(168, 155, 172) }
```


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

```
.border{ border-color:rgb(168, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(168, 155,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3162, 34.7461, 43.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 155, 172) }
```

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

```
.background{ background-color: rgb(168,  
155, 172) }
```

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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