

Converting Colors

XYZ(32.5833, 34.3625, 22.1401)

Have a look what the booklet for
XYZ(32.5833, 34.3625, 22.1401)
contains.

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Color

**XYZ(32.5606, 34.3062,
22.0452)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AD9D76 |
| RGB | 173, 157, 118 |
| RGB Percent | 68%, 62%, 46% |
| CMY | 0.3216, 0.3843, 0.5372 |
| CMYK | 0.00, 0.09, 0.32, 0.32 |
| HSL | 43°, 25%, 57% |
| HSV | 43°, 32%, 68% |
| XYZ | 32.5606, 34.3062, 22.0452 |
| YIQ | 157.3380, 22.0550, -8.7370 |

Conversions

Conversions Part 2

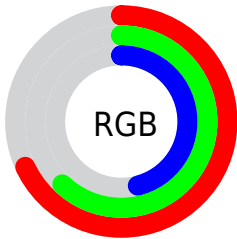
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 141, 173, 118 |
| Decimal | 11378038 |
| CIELab | 65.20, -0.17, 22.57 |
| CIELCh | 65, 22.569, 90.422 |
| Yxy | 34.3062, 0.3662, 0.3858 |
| Android (android.graphics.Color) | 4289568118 (0xFFAD9D76) |
| YUV | 157.3380, -19.3936, 13.7356 |
| Hunter-Lab | 58.5715, -3.2698, 18.6844 |

Details

The XYZ color **32.5606, 34.3062, 22.0452** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.5390, 23.9183, 42.9113**, and the grayscale version is **32.2785, 33.9595, 36.9819**.

A 20% lighter version of the original color is **62.8631, 66.1488, 47.4850**, and **13.9739, 14.7308, 7.7370** is the 20% darker color. If you saturate the color by 10%, you get **30.7918, 32.2657, 16.8404**, and if you desaturate by 10%, it is **34.5548, 36.4954, 28.2562**.

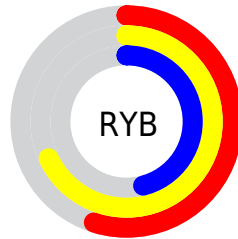
Distribution



Red (68%)

Green (62%)

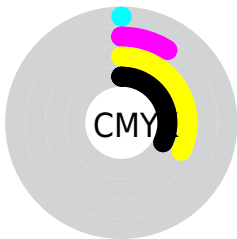
Blue (46%)



Red (55%)

Yellow (68%)

Blue (46%)

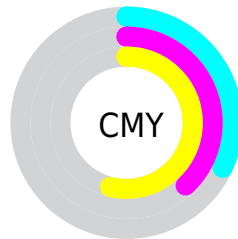


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5606, 34.3062, 22.0452 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 32.5606, 34.3062, 22.0452 by changing the saturation by 10% instead.

■ 32.5606, 34.3062,
22.0452

■ 32.5606, 34.3062,
22.0452

305.3652,
321.4952, 275.7434

■ 21.9477, 23.1289,
13.6915

■ 63.0482, 66.4096,
47.7238

■ 13.9348, 14.6887,
7.7701

■ 83.6536, 88.1044,
65.8858

■ 8.1568, 8.6012,
3.8625

■ 108.3205,
114.0740, 88.1544

■ 4.2481, 4.4820,
1.5502

137.4142,
144.7025, 114.9479

■ 1.8434, 1.9467,
0.2549

171.3002,
180.3746, 146.6851

■ 0.5436, 0.5762,
0.0000

210.3438,

■ 0.0000, 0.0000,

221.4744, 183.7843

0.0000

254.9104,
268.3865, 226.6643

■ 32.5606, 34.3062,
22.0452

■ 32.5606, 34.3062,
22.0452

■ 30.7918, 32.2657,
16.8404

■ 34.5548, 36.4954,
28.2562

■ 29.2351, 30.3642,
12.5852

■ 36.7816, 38.8332,
35.5217

■ 27.8796, 28.5980,
9.2205

■ 39.2514, 41.3256,
43.8893

■ 26.7122, 26.9611,
6.6799

■ 41.9728, 43.9767,
53.4031

■ 25.7181, 25.4469,
4.8875

■ 44.9542, 46.7904,
64.1048

■ 24.8798, 24.0476,
3.7530

■ 48.2033, 49.7704,
76.0341

■ 24.2776, 22.9721,
3.1545

■ 51.7278, 52.9205,
89.2285

■ 55.3082, 56.1535,
102.5314

■ 56.4719, 58.4807,
102.9193

Harmonies

Analogous

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



35.8206, 34.3062, 23.7430



32.5606, 34.3062, 22.0452



29.5163, 34.3062, 23.8414

Triad

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



32.5606, 34.3062, 22.0452



27.4647, 34.3062, 47.2676



38.4059, 34.3062, 46.9987

Complementary

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



32.5606, 34.3062, 22.0452



23.5390, 23.9183, 42.9113

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.



35.9063, 34.3062, 55.1965



32.5606, 34.3062, 22.0452



29.5916, 34.3062, 55.3692

Square

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



32.5606, 34.3062, 22.0452



26.6976, 34.3062, 37.4868



32.6535, 34.3062, 58.4857



39.3298, 34.3062, 37.2208

Rectangle

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



32.5606, 34.3062, 22.0452



27.9831, 34.3062, 26.9859



32.6535, 34.3062, 58.4857



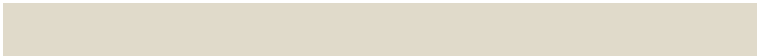
37.7142, 34.3062, 50.0855

Sweetspot

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



32.5615, 34.3078, 22.0459



66.5592, 70.2509, 65.9040



28.0504, 23.5768, 25.8103



14.3397, 15.1388, 13.9046



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.



32.5615, 34.3078, 22.0459



56.0958, 58.9024, 32.8879



33.1141, 38.8767, 22.8987



8.4629, 8.9307, 8.4911



17.8864, 16.9783, 2.3344



0.5416, 0.5604, 0.0796

Inverse Universe

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



23.5390, 23.9183, 42.9113



37.4404, 37.4289, 76.0569



23.0749, 20.6416, 42.3033



7.7616, 8.1226, 10.1114



6.4330, 3.9998, 29.4775



0.2266, 0.2066, 0.8359

Previews

White Background



This preview shows how the XYZ color 32.5606, 34.3062, 22.0452 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 32.5606, 34.3062, 22.0452 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

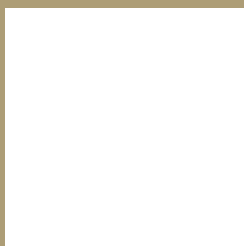
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5606, 34.3062, 22.0452

Background



This preview shows how black text looks on a background with the XYZ color 32.5606, 34.3062, 22.0452.



This preview shows how white text looks on a background with the XYZ color 32.5606, 34.3062,

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

32.5606, 34.3062, 22.0452

Protanopia

32.1342, 34.3317, 22.3858

Deuteranopia

35.0515, 34.3532, 22.2362



Tritanopia

36.0376, 34.2425, 39.3604

Trichromacy



Original Color

32.5606, 34.3062, 22.0452

Protanomaly

32.3512, 34.4436, 22.3959

Deuteranomaly

34.1768, 34.3882, 22.2890

Tritanomaly

34.5622, 34.1192, 32.3678

Monochromacy



Original Color

32.5606, 34.3062, 22.0452

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1192, 33.8836, 30.8339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5606, 34.3062, 22.0452 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(173, 157, 118)` looks like.

```
.text, #text, p{  
    color:rgb(173, 157, 118)  
}
```

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(173, 157, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 157, 118) }
```

Border

The CSS property to change the border of an element to XYZ 32.5606, 34.3062, 22.0452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

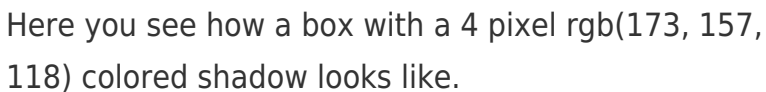
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 157, 118) }
```


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

```
.border{ border-color:rgb(173, 157, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 157, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 157, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 157, 118); box-shadow:4px 4px 4px 4px rgb(173, 157, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5606, 34.3062, 22.0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 157, 118) }
```

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

```
.background{ background-color: rgb(173,  
157, 118) }
```

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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