

Converting Colors

XYZ(35.1298, 41.5621, 21.9421)

Have a look what the booklet for
XYZ(35.1298, 41.5621, 21.9421)
contains.

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Color

**XYZ(35.3058, 41.7799,
22.1231)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B372
RGB	168, 179, 114
RGB Percent	66%, 70%, 45%
CMY	0.3412, 0.2980, 0.5529
CMYK	0.06, 0.00, 0.36, 0.30
HSL	70°, 30%, 57%
HSV	70°, 36%, 70%
XYZ	35.3058, 41.7799, 22.1231
YIQ	168.3010, 14.3090, -22.5470

Conversions

Conversions Part 2

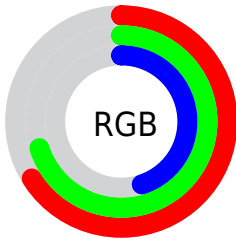
Format	Color
RYB	114, 179, 125
Decimal	11055986
CIELab	70.72, -14.37, 31.94
CIELCh	71, 35.020, 114.218
Yxy	41.7799, 0.3559, 0.4211
Android (android.graphics.Color)	4289246066 (0xFFA8B372)
YUV	168.3010, -26.7704, -0.2640
Hunter-Lab	64.6374, -15.6163, 24.9533

Details

The XYZ color **35.3058, 41.7799, 22.1231** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.6130, 19.6504, 45.2512**, and the grayscale version is **37.4909, 39.4433, 42.9537**.

A 20% lighter version of the original color is **67.4239, 78.0540, 48.0715**, and **15.4852, 18.9482, 7.8422** is the 20% darker color. If you saturate the color by 10%, you get **33.7478, 41.0845, 17.2422**, and if you desaturate by 10%, it is **37.0804, 42.5666, 28.0566**.

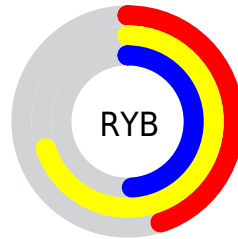
Distribution



Red (66%)

Green (70%)

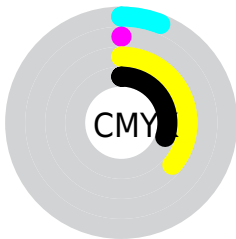
Blue (45%)



Red (45%)

Yellow (70%)

Blue (49%)

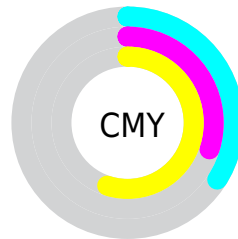


Cyan (6%)

Magenta (0%)

Yellow (36%)

Black (30%)



Cyan (34%)


Magenta (30%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3058, 41.7799, 22.1231 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 35.3058, 41.7799, 22.1231 by changing the saturation by 10% instead.


 35.3058, 41.7799,
22.1231


 35.3058, 41.7799,
22.1231


317.4005,
353.5697, 276.1629


 24.0661, 28.9290,
13.7482


 67.2901, 77.8664,
47.8542


 15.5077, 19.0271,
7.8090

 88.7655, 101.8708,
66.0474

 9.2651, 11.6899,
3.8870


 114.3836,
130.3618, 88.3505

 4.9730, 6.5329,
1.5635

 144.5096,
163.7238, 115.1820

 2.2660, 3.1717,
0.2646

179.5089,
202.3412, 146.9605

 0.7772, 1.2220,
0.0000

219.7469,

 0.0000, 0.0796,

246.5984, 184.1044

0.0000

265.5890,
296.8798, 227.0324

■ 0.0000, 0.0000,
0.0000

■ 35.3058, 41.7799,
22.1231

■ 35.3058, 41.7799,
22.1231

■ 33.7478, 41.0845,
17.2422

■ 37.0804, 42.5666,
28.0566

■ 32.3913, 40.4700,
13.3499

■ 39.0793, 43.4433,
35.0967

■ 31.2246, 39.9330,
10.3789

■ 41.3135, 44.4159,
43.2967

■ 30.2329, 39.4678,
8.2528

■ 43.7925, 45.4882,
52.7058

■ 29.3994, 39.0676,
6.8829

■ 46.5253, 46.6638,
63.3703

■ 28.7014, 38.7232,
6.1511

■ 49.5201, 47.9460,
75.3341

■ 28.4609, 38.6034,
5.9512

■ 52.7852, 49.3380,
88.6389

■ 55.9708, 50.7002,
101.4439

■ 56.7474, 51.1005,
101.4802

Harmonies

Analogous

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



40.8456, 41.7799, 20.5241



35.3058, 41.7799, 22.1231



31.3268, 41.7799, 29.2440

Triad

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



35.3058, 41.7799, 22.1231



33.5355, 41.7799, 76.6620



51.8822, 41.7799, 48.7881

Complementary

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



35.3058, 41.7799, 22.1231



22.6130, 19.6504, 45.2512

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.



49.4707, 41.7799, 66.8576



35.3058, 41.7799, 22.1231



38.5967, 41.7799, 85.2800

Square

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



35.3058, 41.7799, 22.1231



30.3765, 41.7799, 59.9037



44.4672, 41.7799, 81.3134



50.7840, 41.7799, 33.5984

Rectangle

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



35.3058, 41.7799, 22.1231



29.9093, 41.7799, 37.3395



44.4672, 41.7799, 81.3134



51.4485, 41.7799, 54.7505

Sweetspot

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



35.3068, 41.7818, 22.1240



71.9840, 78.6728, 70.1186



28.9416, 25.4248, 19.3023



15.8304, 17.3787, 15.1037



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3068, 41.7818, 22.1240



60.8519, 73.7632, 32.1313



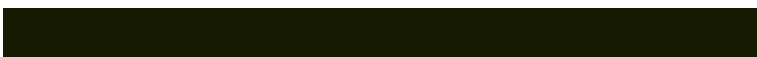
29.2581, 38.6635, 21.8409



9.0531, 9.8324, 9.0732



20.1583, 27.3021, 4.2074



0.6716, 0.8783, 0.1341

Inverse Universe

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



22.6130, 19.6504, 45.2512



34.6227, 28.0051, 79.9619



28.1251, 22.4920, 45.5092



8.1716, 8.2970, 10.6771



6.1733, 2.5182, 30.2977



0.2349, 0.1002, 0.9552

Previews

White Background



This preview shows how the XYZ color 35.3058, 41.7799, 22.1231 looks on a white background.

Color Contrast Check

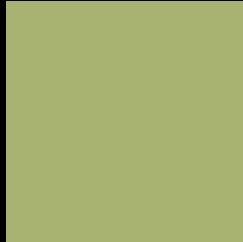
Large Text (above 18pt) WCAG AA × Fail

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 35.3058, 41.7799, 22.1231 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

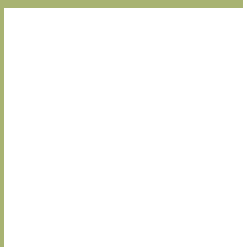
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3058, 41.7799, 22.1231

Background



This preview shows how black text looks on a background with the XYZ color 35.3058, 41.7799, 22.1231.



This preview shows how white text looks on a background with the XYZ color 35.3058, 41.7799,

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

35.3058, 41.7799, 22.1231

Protanopia

38.6072, 41.7484, 21.3527

Deuteranopia

42.3981, 41.4600, 22.5976



Tritanopia

41.1579, 41.5573, 51.1995

Trichromacy



Original Color

35.3058, 41.7799, 22.1231

Protanomaly

37.3667, 41.6760, 21.6976

Deuteranomaly

39.5194, 41.3479, 22.4210

Tritanomaly

38.6571, 41.3890, 38.7523

Monochromacy



Original Color

35.3058, 41.7799, 22.1231

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.2463, 39.9680, 33.8212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3058, 41.7799, 22.1231 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, 179, 114)` looks like.

```
.text, #text, p{  
    color:rgb(168, 179, 114)  
}
```

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, 179, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 179, 114) }
```

Border

The CSS property to change the border of an element to XYZ 35.3058, 41.7799, 22.1231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

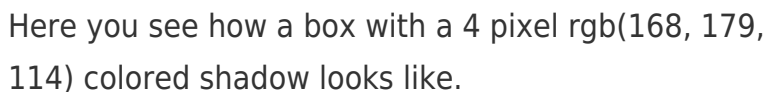
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 179, 114) }
```


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

```
.border{ border-color:rgb(168, 179, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 179, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 179, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 179, 114);  
box-shadow:4px 4px 4px 4px rgb(168, 179,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3058, 41.7799, 22.1231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 179, 114) }
```

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

```
.background{ background-color: rgb(168,  
179, 114) }
```

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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