

Converting Colors

XYZ(35.2611, 38.3529, 24.8399)

Have a look what the booklet for
XYZ(35.2611, 38.3529, 24.8399)
contains.

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Color

**XYZ(35.1996, 38.2321,
24.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA77D
RGB	175, 167, 125
RGB Percent	69%, 65%, 49%
CMY	0.3137, 0.3451, 0.5098
CMYK	0.00, 0.05, 0.29, 0.31
HSL	50°, 24%, 59%
HSV	50°, 29%, 69%
XYZ	35.1996, 38.2321, 24.9263
YIQ	164.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

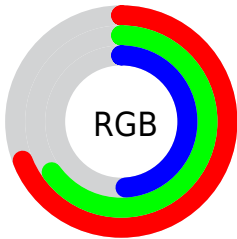
Format	Color
RYB	135, 175, 125
Decimal	11511677
CIELab	68.19, -3.83, 22.81
CIElCh	68, 23.129, 99.535
Yxy	38.2321, 0.3579, 0.3887
Android (android.graphics.Color)	4289701757 (0xFFAFA77D)
YUV	164.6040, -19.5248, 9.1173
Hunter-Lab	61.8321, -6.5902, 19.3810

Details

The XYZ color **35.1996, 38.2321, 24.9263** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.5827, 24.2295, 43.9387**, and the grayscale version is **35.6597, 37.5168, 40.8558**.

A 20% lighter version of the original color is **67.1122, 72.4458, 52.5657**, and **15.4613, 16.9208, 9.2886** is the 20% darker color. If you saturate the color by 10%, you get **33.6719, 36.8109, 19.3791**, and if you desaturate by 10%, it is **36.9373, 39.7578, 31.5162**.

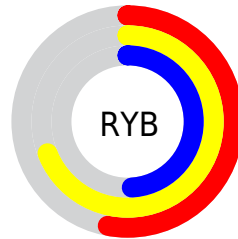
Distribution



Red (69%)

Green (65%)

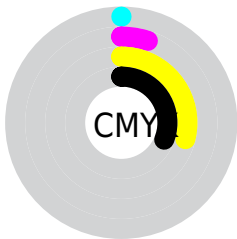
Blue (49%)



Red (53%)

Yellow (69%)

Blue (49%)

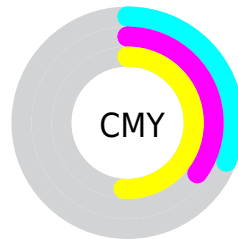


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1996, 38.2321, 24.9263 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 35.1996, 38.2321, 24.9263 by changing the saturation by 10% instead.

■ 35.1996, 38.2321,
24.9263

■ 35.1996, 38.2321,
24.9263

316.9411,
338.6146, 290.9066

■ 23.9839, 26.1629,
15.8036

■ 67.1269, 72.4637,
52.5003

■ 15.4464, 16.9455,
9.2325

■ 88.5691, 95.3950,
71.7887

■ 9.2216, 10.1957,
4.7942

■ 114.1510,
122.7156, 95.3027

■ 4.9443, 5.5289,
2.0704

144.2377,
154.8101, 123.4609

■ 2.2490, 2.5608,
0.5981

179.1947,
192.0629, 156.6819

■ 0.7684, 0.9070,
0.0000

219.3874,

■ 0.0000, 0.0000,

234.8583, 195.3842

0.0000

265.1811,
283.5807, 239.9862

■ 35.1996, 38.2321,
24.9263

■ 35.1996, 38.2321,
24.9263

■ 33.6719, 36.8109,
19.3791

■ 36.9373, 39.7578,
31.5162

■ 32.3410, 35.4846,
14.8178

■ 38.8918, 41.3867,
39.1970

■ 31.1964, 34.2505,
11.1838

■ 41.0731, 43.1243,
48.0166

■ 30.2256, 33.1032,
8.4111

■ 43.4897, 44.9741,
58.0194

■ 29.4143, 32.0371,
6.4253

■ 46.1496, 46.9395,
69.2474

■ 28.7460, 31.0454,
5.1392

■ 49.0605, 49.0235,
81.7408

■ 28.1913, 30.1162,
4.3990

■ 52.2297, 51.2292,
95.5375

■ 28.1153, 29.9861,
4.3061

■ 54.0115, 52.8984,
101.9715

■ 54.6209, 54.1174,
102.1746

Harmonies

Analogous

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



38.8223, 38.2321, 25.6297



35.1996, 38.2321, 24.9263



32.0926, 38.2321, 28.0901

Triad

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



35.1996, 38.2321, 24.9263



31.2389, 38.2321, 55.6232



43.2446, 38.2321, 48.9804

Complementary

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



35.1996, 38.2321, 24.9263



24.5827, 24.2295, 43.9387

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.



40.9432, 38.2321, 58.9383



35.1996, 38.2321, 24.9263



33.9629, 38.2321, 63.1930

Square

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



35.1996, 38.2321, 24.9263



29.9080, 38.2321, 45.0123



37.5016, 38.2321, 64.4976



43.6304, 38.2321, 38.4182

Rectangle

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



35.1996, 38.2321, 24.9263



30.6725, 38.2321, 32.3323



37.5016, 38.2321, 64.4976



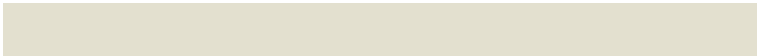
42.6624, 38.2321, 52.5543

Sweetspot

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



35.2006, 38.2338, 24.9271



69.4379, 73.9459, 69.3404



29.2698, 25.4843, 25.6879



15.3172, 16.3402, 14.9502



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.2006, 38.2338, 24.9271



61.3520, 66.9206, 38.4477



33.1981, 39.4438, 25.2662



8.5520, 9.1088, 8.5208



20.1716, 21.5486, 3.0961



0.5898, 0.6568, 0.0957

Inverse Universe

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



24.5827, 24.2295, 43.9387



39.3394, 37.8924, 77.8774



26.1701, 23.4842, 43.7112



7.6785, 7.9564, 10.0837



5.8692, 2.8723, 29.2896



0.1940, 0.1413, 0.8250

Previews

White Background



This preview shows how the XYZ color 35.1996, 38.2321, 24.9263 looks on a white background.

Color Contrast Check

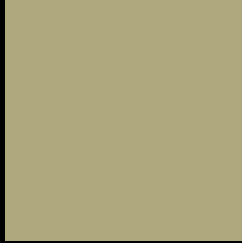
Large Text (above 18pt) WCAG AA × Fail

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 35.1996, 38.2321, 24.9263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

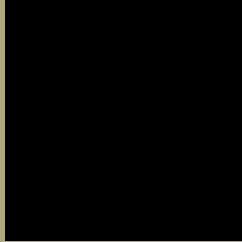
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

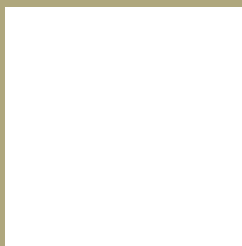
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1996, 38.2321, 24.9263

Background



This preview shows how black text looks on a background with the XYZ color 35.1996, 38.2321, 24.9263.



This preview shows how white text looks on a background with the XYZ color 35.1996, 38.2321,

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

35.1996, 38.2321, 24.9263

Protanopia

35.6980, 38.2181, 24.8974

Deuteranopia

38.7346, 37.9307, 25.3585



Tritanopia

39.3438, 38.3306, 44.8601

Trichromacy



Original Color

35.1996, 38.2321, 24.9263

Protanomaly

35.4694, 38.1002, 24.8867

Deuteranomaly

37.4253, 38.0384, 25.1083

Tritanomaly

37.6883, 38.1784, 36.8353

Monochromacy



Original Color

35.1996, 38.2321, 24.9263

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5034, 37.9095, 34.3002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1996, 38.2321, 24.9263 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(175, 167, 125)` looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 125)  
}
```

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(175, 167, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 125) }
```

Border

The CSS property to change the border of an element to XYZ 35.1996, 38.2321, 24.9263 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(175, 167, 125) }
```


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

```
.border{ border-color:rgb(175, 167, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 167, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 125);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1996, 38.2321, 24.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 167, 125) }
```

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

```
.background{ background-color: rgb(175,  
167, 125) }
```

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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