

Converting Colors

XYZ(35.8756, 38.8754, 24.0252)

Have a look what the booklet for
XYZ(35.8756, 38.8754, 24.0252)
contains.

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Color

**XYZ(35.8756, 38.8754,
24.0252)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A87A
RGB	178, 168, 122
RGB Percent	70%, 66%, 48%
CMY	0.3020, 0.3412, 0.5216
CMYK	0.00, 0.06, 0.31, 0.30
HSL	49°, 27%, 59%
HSV	49°, 31%, 70%
XYZ	35.8756, 38.8754, 24.0252
YIQ	165.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

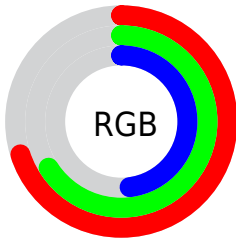
Format	Color
RYB	134, 178, 122
Decimal	11708538
CIELab	68.66, -3.57, 25.11
CIElCh	69, 25.365, 98.094
Yxy	38.8754, 0.3632, 0.3936
Android (android.graphics.Color)	4289898618 (0xFFB2A87A)
YUV	165.7460, -21.5668, 10.7468
Hunter-Lab	62.3501, -6.4058, 20.7991

Details

The XYZ color **35.8756, 38.8754, 24.0252** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.3130, 23.8538, 45.4424**, and the grayscale version is **36.2175, 38.1036, 41.4948**.

A 20% lighter version of the original color is **68.0572, 73.3629, 51.1309**, and **15.7602, 17.2569, 8.8036** is the 20% darker color. If you saturate the color by 10%, you get **34.2931, 37.3166, 18.5458**, and if you desaturate by 10%, it is **37.6764, 40.5472, 30.5749**.

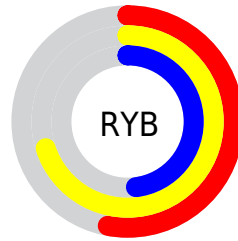
Distribution



Red (70%)

Green (66%)

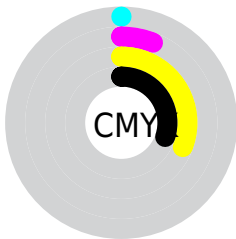
Blue (48%)



Red (53%)

Yellow (70%)

Blue (48%)

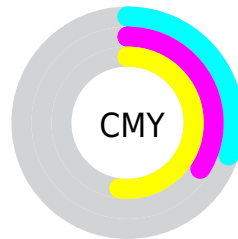


Cyan (0%)

Magenta (6%)

Yellow (31%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8756, 38.8754, 24.0252 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 35.8756, 38.8754, 24.0252 by changing the saturation by 10% instead.

■ 35.8756, 38.8754,
24.0252

■ 35.8756, 38.8754,
24.0252

319.8572,
341.3605, 286.2385

■ 24.5078, 26.6628,
15.1399

■ 68.1651, 73.4479,
51.0157

■ 15.8375, 17.3201,
8.7699

■ 89.8176, 96.5767,
69.9580

■ 9.4994, 10.4630,
4.4967

■ 115.6290,
124.1129, 93.0897

■ 5.1280, 5.7070,
1.9016

145.9646,
156.4410, 120.8293

■ 2.3581, 2.6678,
0.4937

181.1899,
193.9455, 153.5955

■ 0.8241, 0.9608,
0.0000

221.6702,

■ 0.0000, 0.0000,

237.0106, 191.8068

0.0000

267.7709,
286.0208, 235.8816

■ 35.8756, 38.8754,
24.0252

■ 35.8756, 38.8754,
24.0252

■ 34.2931, 37.3166,
18.5458

■ 37.6764, 40.5472,
30.5749

■ 32.9149, 35.8610,
14.0762

■ 39.7030, 42.3310,
38.2464

■ 31.7297, 34.5051,
10.5534

■ 41.9658, 44.2326,
47.0905

■ 30.7239, 33.2435,
7.9064

■ 44.4740, 46.2557,
57.1543

■ 29.8822, 32.0698,
6.0541

■ 47.2361, 48.4039,
68.4824

■ 29.1860, 30.9764,
4.9003

■ 50.2601, 50.6806,
81.1170

■ 28.6742, 30.0931,
4.2973

■ 53.5539, 53.0891,
95.0984

■ 55.5737, 55.0120,
102.2971

■ 56.2856, 56.4360,
102.5344

Harmonies

Analogous

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



39.8996, 38.8754, 24.9790



35.8756, 38.8754, 24.0252



32.3972, 38.8754, 27.2293

Triad

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



35.8756, 38.8754, 24.0252



31.2118, 38.8754, 57.4543



44.5694, 38.8754, 51.1064

Complementary

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



35.8756, 38.8754, 24.0252



24.3130, 23.8538, 45.4424

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.



41.9103, 38.8754, 62.1778



35.8756, 38.8754, 24.0252



34.1493, 38.8754, 66.2798

Square

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



35.8756, 38.8754, 24.0252



29.8347, 38.8754, 45.5124



38.0454, 38.8754, 68.1490



45.1150, 38.8754, 39.2971

Rectangle

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



35.8756, 38.8754, 24.0252



30.7874, 38.8754, 31.7045



38.0454, 38.8754, 68.1490



43.8843, 38.8754, 55.0950

Sweetspot

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



35.8766, 38.8772, 24.0260



72.9057, 77.5399, 72.8610



29.5031, 25.0577, 25.2077



16.0258, 17.0710, 15.6531



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.



35.8766, 38.8772, 24.0260



62.9546, 68.4448, 36.2270



33.9841, 40.7472, 24.4867



9.0655, 9.6435, 9.0361



20.5581, 21.6149, 3.0886



0.6806, 0.7475, 0.1084

Inverse Universe

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



24.3130, 23.8538, 45.4424



38.5551, 36.7535, 81.4432



25.7662, 22.6862, 45.1404



8.1606, 8.4674, 10.7106



6.1488, 3.0981, 30.4109



0.2303, 0.1712, 0.9691

Previews

White Background



This preview shows how the XYZ color 35.8756, 38.8754, 24.0252 looks on a white background.

Color Contrast Check

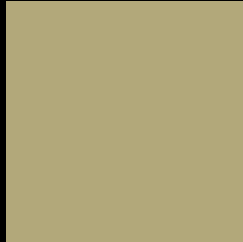
Large Text (above 18pt) WCAG AA × Fail

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 35.8756, 38.8754, 24.0252 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

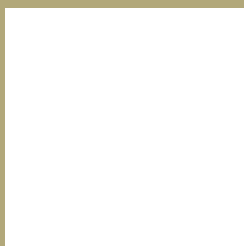
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8756, 38.8754, 24.0252

Background



This preview shows how black text looks on a background with the XYZ color 35.8756, 38.8754, 24.0252.



This preview shows how white text looks on a background with the XYZ color 35.8756, 38.8754,

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

35.8756, 38.8754, 24.0252

Protanopia

36.1540, 38.7459, 23.9855

Deuteranopia

39.6717, 38.9507, 24.4961



Tritanopia

40.1520, 38.7361, 45.4050

Trichromacy



Original Color

35.8756, 38.8754, 24.0252

Protanomaly

35.9220, 38.6263, 23.9747

Deuteranomaly

38.3365, 39.0573, 24.2572

Tritanomaly

38.4833, 38.8626, 36.4833

Monochromacy



Original Color

35.8756, 38.8754, 24.0252

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9013, 38.3855, 34.3711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8756, 38.8754, 24.0252 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(178, 168, 122)` looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 122)  
}
```

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(178, 168, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 122) }
```

Border

The CSS property to change the border of an element to XYZ 35.8756, 38.8754, 24.0252 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(178, 168, 122) }
```


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

```
.border{ border-color:rgb(178, 168, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 168, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 122);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8756, 38.8754, 24.0252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 122) }
```

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

```
.background{ background-color: rgb(178,  
168, 122) }
```

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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