

Converting Colors

XYZ(35.8413, 37.6671, 25.0525)

Have a look what the booklet for
XYZ(35.8413, 37.6671, 25.0525)
contains.

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Color

**XYZ(35.8637, 37.7606,
25.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A47E
RGB	180, 164, 126
RGB Percent	71%, 64%, 49%
CMY	0.2941, 0.3568, 0.5059
CMYK	0.00, 0.09, 0.30, 0.29
HSL	42°, 26%, 60%
HSV	42°, 30%, 71%
XYZ	35.8637, 37.7606, 25.1370
YIQ	164.4520, 21.7340, -8.4260

Conversions

Conversions Part 2

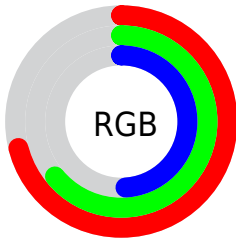
Format	Color
RYB	149, 180, 126
Decimal	11838590
CIELab	67.84, -0.09, 21.87
CIElCh	68, 21.867, 90.234
Yxy	37.7606, 0.3631, 0.3823
Android (android.graphics.Color)	4290028670 (0xFFB4A47E)
YUV	164.4520, -18.9568, 13.6356
Hunter-Lab	61.4497, -3.3594, 18.7612

Details

The XYZ color **35.8637, 37.7606, 25.1370** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5151, 27.0760, 47.0086**, and the grayscale version is **35.5832, 37.4363, 40.7681**.

A 20% lighter version of the original color is **68.0603, 71.7506, 52.9099**, and **15.7379, 16.5598, 9.3881** is the 20% darker color. If you saturate the color by 10%, you get **33.8712, 35.4700, 19.2490**, and if you desaturate by 10%, it is **38.1072, 40.2183, 32.1406**.

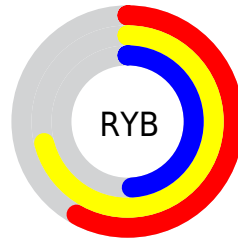
Distribution



Red (71%)

Green (64%)

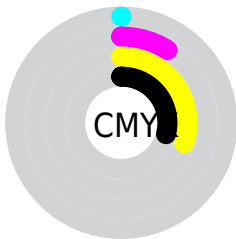
Blue (49%)



Red (58%)

Yellow (71%)

Blue (49%)

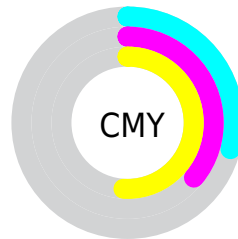


Cyan (0%)

Magenta (9%)

Yellow (30%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8637, 37.7606, 25.1370 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 35.8637, 37.7606, 25.1370 by changing the saturation by 10% instead.

■ 35.8637, 37.7606,
25.1370

■ 35.8637, 37.7606,
25.1370

319.8060,
336.5919, 291.9890

■ 24.4986, 25.7969,
15.9592

■ 68.1469, 71.7411,
52.8463

■ 15.8306, 16.6718,
9.3412

■ 89.7957, 94.5266,
72.2148

■ 9.4944, 10.0008,
4.8646

■ 115.6030,
121.6883, 95.8174

■ 5.1248, 5.3995,
2.1107

145.9343,
153.6105, 124.0725

■ 2.3562, 2.4835,
0.6221

181.1549,
190.6775, 157.3986

■ 0.8232, 0.8684,
0.0000

221.6302,

■ 0.0000, 0.0000,

233.2738, 196.2144

0.0000

267.7254,
281.7838, 240.9384

■ 35.8637, 37.7606,
25.1370

■ 35.8637, 37.7606,
25.1370

■ 33.8712, 35.4700,
19.2490

■ 38.1072, 40.2183,
32.1406

■ 32.1150, 33.3358,
14.4150

■ 40.6096, 42.8430,
40.3123

■ 30.5835, 31.3539,
10.5712

■ 43.3821, 45.6413,
49.7040

■ 29.2624, 29.5179,
7.6455

■ 46.4341, 48.6176,
60.3638

■ 28.1357, 27.8204,
5.5562

■ 49.7748, 51.7764,
72.3372

■ 27.1847, 26.2532,
4.2069

■ 53.4128, 55.1219,
85.6674

■ 26.3707, 24.8000,
3.3970

■ 57.3564, 58.6579,
100.3958

■ 26.3706, 24.7999,
3.3970

■ 59.1028, 61.3841,
103.3410

■ 60.4137, 64.0059,
103.7780

Harmonies

Analogous

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



39.2228, 37.7606, 26.9522



35.8637, 37.7606, 25.1370



32.7088, 37.7606, 27.0098

Triad

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



35.8637, 37.7606, 25.1370



30.5508, 37.7606, 51.2436



41.8478, 37.7606, 51.0908

Complementary

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



35.8637, 37.7606, 25.1370



26.5151, 27.0760, 47.0086

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.



39.2717, 37.7606, 59.4335



35.8637, 37.7606, 25.1370



32.7522, 37.7606, 59.5310

Square

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



35.8637, 37.7606, 25.1370



29.7618, 37.7606, 41.1912



35.9169, 37.7606, 62.7374



42.8072, 37.7606, 41.0387

Rectangle

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



35.8637, 37.7606, 25.1370



31.1119, 37.7606, 30.2978



35.9169, 37.7606, 62.7374



41.1346, 37.7606, 54.2415

Sweetspot

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



35.8647, 37.7623, 25.1378



74.0397, 78.1002, 74.4472



31.1810, 26.5844, 29.1583



15.8540, 16.7275, 15.5958



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.



35.8647, 37.7623, 25.1378



62.5894, 65.6883, 38.2953



36.4924, 42.6060, 26.0396



8.9803, 9.4731, 9.0077



18.4657, 17.4299, 2.3911



0.6288, 0.6440, 0.0912

Inverse Universe

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



26.5151, 27.0760, 47.0086



42.9032, 43.1954, 84.3709



25.9832, 23.5190, 46.3501



8.2403, 8.6269, 10.7372



6.7004, 4.2012, 30.5948



0.2629, 0.2363, 0.9800

Previews

White Background



This preview shows how the XYZ color 35.8637, 37.7606, 25.1370 looks on a white background.

Color Contrast Check

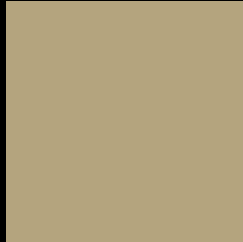
Large Text (above 18pt) WCAG AA × Fail

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 35.8637, 37.7606, 25.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

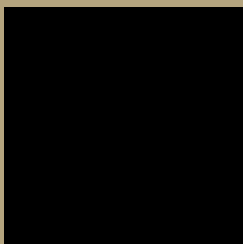
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

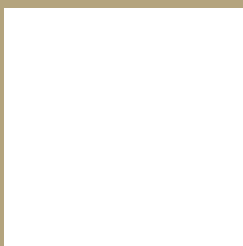
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8637, 37.7606, 25.1370

Background



This preview shows how black text looks on a background with the XYZ color 35.8637, 37.7606, 25.1370.



This preview shows how white text looks on a background with the XYZ color 35.8637, 37.7606,

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

35.8637, 37.7606, 25.1370

Protanopia

35.4174, 37.7897, 25.5061

Deuteranopia

38.4770, 37.7979, 25.3464



Tritanopia

39.4901, 37.6703, 43.2199

Trichromacy



Original Color

35.8637, 37.7606, 25.1370

Protanomaly

35.6460, 37.9076, 25.5168

Deuteranomaly

37.5619, 37.8409, 25.4030

Tritanomaly

37.9320, 37.5420, 35.8189

Monochromacy



Original Color

35.8637, 37.7606, 25.1370

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.3580, 37.2990, 34.1900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8637, 37.7606, 25.1370 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(180, 164, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 164, 126)  
}
```

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(180, 164, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 164, 126) }
```

Border

The CSS property to change the border of an element to XYZ 35.8637, 37.7606, 25.1370 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(180, 164, 126) }
```


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

```
.border{ border-color:rgb(180, 164, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 164, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 164, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 164, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 164,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8637, 37.7606, 25.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 164, 126) }
```

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

```
.background{ background-color: rgb(180,  
164, 126) }
```

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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