

Converting Colors

XYZ(37.7382, 41.8998, 36.4015)

Have a look what the booklet for
XYZ(37.7382, 41.8998, 36.4015)
contains.

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Color

**XYZ(37.6373, 41.7856,
36.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B099
RGB	169, 176, 153
RGB Percent	66%, 69%, 60%
CMY	0.3373, 0.3098, 0.4000
CMYK	0.04, 0.00, 0.13, 0.31
HSL	78°, 13%, 65%
HSV	78°, 13%, 69%
XYZ	37.6373, 41.7856, 36.2187
YIQ	171.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

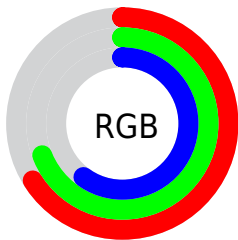
Format	Color
RYB	153, 176, 160
Decimal	11120793
CIELab	70.72, -6.64, 10.95
CIELCh	71, 12.802, 121.236
Yxy	41.7856, 0.3255, 0.3613
Android (android.graphics.Color)	4289310873 (0xFFA9B099)
YUV	171.2850, -9.0145, -2.0039
Hunter-Lab	64.6418, -9.1925, 12.0291

Details

The XYZ color **37.6373, 41.7856, 36.2187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7265, 33.3918, 45.7442**, and the grayscale version is **38.8957, 40.9213, 44.5633**.

A 20% lighter version of the original color is **70.8596, 78.0655, 70.3649**, and **16.9420, 19.1565, 15.3750** is the 20% darker color. If you saturate the color by 10%, you get **35.1637, 40.6674, 29.0662**, and if you desaturate by 10%, it is **40.3747, 43.0175, 44.5046**.

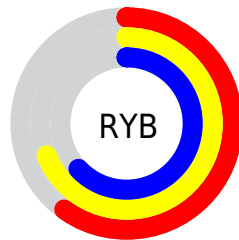
Distribution



Red (66%)

Green (69%)

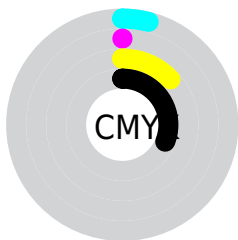
Blue (60%)



Red (60%)

Yellow (69%)

Blue (63%)

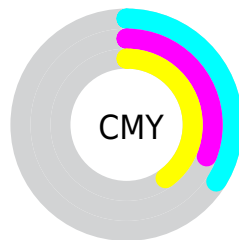


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6373, 41.7856, 36.2187 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 37.6373, 41.7856, 36.2187 by changing the saturation by 10% instead.

■ 37.6373, 41.7856,
36.2187

■ 37.6373, 41.7856,
36.2187

327.3693,
353.5934, 344.9817

■ 25.8772, 28.9334,
24.3121

■ 70.8594, 77.8750,
70.5423

■ 16.8640, 19.0305,
15.3510

■ 93.0521, 101.8811,
93.7965

■ 10.2323, 11.6923,
8.9167

119.4531,
130.3739, 121.6702

■ 5.6167, 6.5345,
4.5908

150.4277,
163.7379, 154.5821

■ 2.6519, 3.1727,
1.9548

186.3412,
202.3575, 192.9506

■ 0.9725, 1.2226,
0.5272

227.5591,

■ 0.0000, 0.0800,

246.6170, 237.1944

0.0000

274.4467,
296.9008, 287.7319

■ 0.0000, 0.0000,
0.0000

■ 37.6373, 41.7856,
36.2187

■ 37.6373, 41.7856,
36.2187

■ 35.1637, 40.6674,
29.0662

■ 40.3747, 43.0175,
44.5046

■ 32.9408, 39.6535,
22.9952

■ 43.3819, 44.3614,
53.9675

■ 30.9588, 38.7413,
17.9535

■ 46.6689, 45.8228,
64.6519

■ 29.2065, 37.9263,
13.8840

■ 50.2440, 47.4051,
76.5993

■ 27.6713, 37.2032,
10.7234

■ 54.1153, 49.1116,
89.8491

■ 26.3392, 36.5665,
8.4015

■ 57.7046, 50.7110,
101.3546

■ 25.1942, 36.0096,
6.8375

■ 59.1719, 51.4674,
101.4233

■ 24.2174, 35.5250,
5.9348

■ 60.6900, 52.2501,
101.4943

■ 23.6116, 35.2205,
5.5538

■ 62.2594, 53.0591,
101.5677

Harmonies

Analogous

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



39.6280, 41.7856, 34.7853



37.6373, 41.7856, 36.2187



36.2452, 41.7856, 40.1023

Triad

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



37.6373, 41.7856, 36.2187



37.7845, 41.7856, 56.5300



43.9369, 41.7856, 45.2459

Complementary

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



37.6373, 41.7856, 36.2187



33.7265, 33.3918, 45.7442

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.



43.4015, 41.7856, 51.3559



37.6373, 41.7856, 36.2187



39.8040, 41.7856, 58.2098

Square

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



37.6373, 41.7856, 36.2187



36.3281, 41.7856, 51.8306



41.8698, 41.7856, 56.2392



43.3082, 41.7856, 39.7024

Rectangle

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



37.6373, 41.7856, 36.2187



35.8180, 41.7856, 43.7399



41.8698, 41.7856, 56.2392



43.8869, 41.7856, 47.3014

Sweetspot

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



37.6384, 41.7874, 36.2196



72.7042, 77.7830, 79.1143



36.2092, 36.6383, 35.3010



15.6737, 16.8198, 16.8920



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.



37.6384, 41.7874, 36.2196



66.7683, 75.1110, 61.3023



35.2984, 40.5811, 36.1101



8.9402, 9.7743, 9.0679



17.3849, 25.8723, 4.0776



0.6030, 0.8429, 0.1309

Inverse Universe

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



33.7265, 33.3918, 45.7442



58.1250, 56.5595, 82.3489



36.1110, 34.6210, 45.8558



8.2772, 8.3514, 10.6821



6.9029, 2.8944, 30.3318



0.2781, 0.1225, 0.9572

Previews

White Background



This preview shows how the XYZ color 37.6373, 41.7856, 36.2187 looks on a white background.

Color Contrast Check

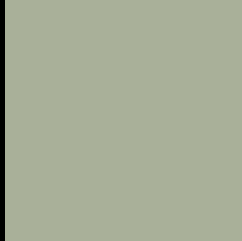
Large Text (above 18pt) WCAG AA × Fail

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 37.6373, 41.7856, 36.2187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

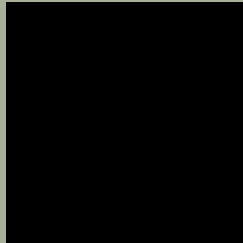
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6373, 41.7856, 36.2187

Background



This preview shows how black text looks on a background with the XYZ color 37.6373, 41.7856, 36.2187.



This preview shows how white text looks on a background with the XYZ color 37.6373, 41.7856,

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

37.6373, 41.7856, 36.2187

Protanopia

39.3945, 41.5632, 35.2243

Deuteranopia

42.5001, 41.7398, 36.8269



Tritanopia

40.7754, 41.6273, 51.7847

Trichromacy



Original Color

37.6373, 41.7856, 36.2187

Protanomaly

38.7425, 41.5013, 35.6744

Deuteranomaly

40.4572, 41.5216, 36.4540

Tritanomaly

39.4997, 41.6749, 45.4974

Monochromacy



Original Color

37.6373, 41.7856, 36.2187

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2220, 41.1135, 41.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6373, 41.7856, 36.2187 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(169, 176, 153)` looks like.

```
.text, #text, p{  
    color:rgb(169, 176, 153)  
}
```

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(169, 176, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 176, 153) }
```

Border

The CSS property to change the border of an element to XYZ 37.6373, 41.7856, 36.2187 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(169, 176, 153) }
```


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

```
.border{ border-color:rgb(169, 176, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 176, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 176, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 176, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 176,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6373, 41.7856, 36.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 176, 153) }
```

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

```
.background{ background-color: rgb(169,  
176, 153) }
```

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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