

Converting Colors

XYZ(35.8949, 37.2975, 37.4125)

Have a look what the booklet for
XYZ(35.8949, 37.2975, 37.4125)
contains.

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Color

**XYZ(35.7606, 37.1748,
37.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA39D
RGB	170, 163, 157
RGB Percent	67%, 64%, 62%
CMY	0.3333, 0.3608, 0.3843
CMYK	0.00, 0.04, 0.08, 0.33
HSL	28°, 7%, 64%
HSV	28°, 8%, 67%
XYZ	35.7606, 37.1748, 37.1889
YIQ	164.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

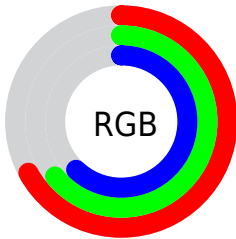
Format	Color
RYB	170, 168, 157
Decimal	11183005
CIELab	67.41, 1.44, 4.00
CIELCh	67, 4.256, 70.188
Yxy	37.1748, 0.3247, 0.3376
Android (android.graphics.Color)	4289373085 (0xFFAAA39D)
YUV	164.4090, -3.6526, 4.9033
Hunter-Lab	60.9711, -2.0062, 6.5163

Details

The XYZ color **35.7606, 37.1748, 37.1889** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4357, 36.6207, 43.2843**, and the grayscale version is **35.4972, 37.3458, 40.6696**.

A 20% lighter version of the original color is **68.0064, 70.9038, 72.3888**, and **15.7572, 16.2610, 15.9439** is the 20% darker color. If you saturate the color by 10%, you get **32.8431, 33.5029, 29.5470**, and if you desaturate by 10%, it is **38.9997, 41.1659, 45.9353**.

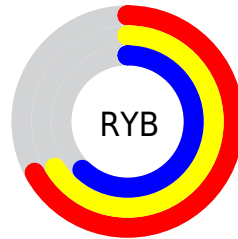
Distribution



Red (67%)

Green (64%)

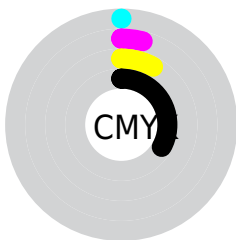
Blue (62%)



Red (67%)

Yellow (66%)

Blue (62%)

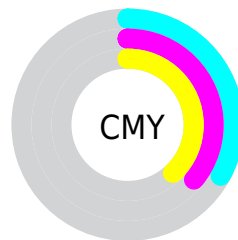


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7606, 37.1748, 37.1889 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 35.7606, 37.1748, 37.1889 by changing the saturation by 10% instead.

■ 35.7606, 37.1748,
37.1889

■ 35.7606, 37.1748,
37.1889

319.3625,
334.0667, 349.3209

■ 24.4186, 25.3429,
25.0568

■ 67.9887, 70.8415,
72.0528

■ 15.7709, 16.3327,
15.9000

■ 89.6055, 93.4451,
95.6217

■ 9.4520, 9.7599,
9.2998

115.3780,
120.4081, 123.8400

■ 5.0966, 5.2400,
4.8378

145.6714,
152.1148, 157.1262

■ 2.3394, 2.3888,
2.0953

180.8513,
188.9496, 195.8989

■ 0.8147, 0.8201,
0.6130

221.2828,

■ 0.0000, 0.0000,

231.2969, 240.5765

0.0000

267.3314,
279.5411, 291.5777

■ 35.7606, 37.1748,
37.1889

■ 35.7606, 37.1748,
37.1889

■ 32.8431, 33.5029,
29.5470

■ 38.9997, 41.1659,
45.9353

■ 30.2334, 30.1370,
22.9627

■ 42.5676, 45.4792,
55.8258

■ 27.9210, 27.0701,
17.3893

■ 46.4749, 50.1239,
66.9008

■ 25.8938, 24.2931,
12.7756

■ 50.7310, 55.1074,
79.1982

■ 24.1386, 21.7963,
9.0659

■ 55.3449, 60.4367,
92.7541

■ 22.6412, 19.5695,
6.1985

■ 59.6739, 65.8584,
104.1745

■ 21.3854, 17.6015,
4.1041

■ 62.1111, 70.7328,
104.9869

■ 20.3530, 15.8801,
2.7019

■ 64.6814, 75.8733,
105.8437

■ 19.5167, 14.3890,
1.8636

■ 67.3866, 81.2838,
106.7454

Harmonies

Analogous

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



36.3009, 37.1748, 38.2018



35.7606, 37.1748, 37.1889



35.1120, 37.1748, 37.0416

Triad

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



35.7606, 37.1748, 37.1889



34.1127, 37.1748, 41.1161



36.1496, 37.1748, 43.2853

Complementary

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



35.7606, 37.1748, 37.1889



34.4357, 36.6207, 43.2843

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.



35.5560, 37.1748, 44.1186



35.7606, 37.1748, 37.1889



34.3835, 37.1748, 42.8409

Square

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



35.7606, 37.1748, 37.1889



34.1659, 37.1748, 39.2710



34.9099, 37.1748, 43.9535



36.5274, 37.1748, 41.7075

Rectangle

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



35.7606, 37.1748, 37.1889



34.7062, 37.1748, 37.4491



34.9099, 37.1748, 43.9535



35.9683, 37.1748, 43.6639

Sweetspot

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



35.7616, 37.1764, 37.1897



68.1087, 71.4416, 76.1275



35.3494, 35.3463, 40.1529



15.2032, 15.9499, 17.0166



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.7616, 37.1764, 37.1897



64.0452, 66.4048, 65.2467



36.9170, 39.4872, 37.5748



7.8059, 8.0918, 7.9397



14.2799, 10.4570, 1.2658



0.3989, 0.3575, 0.0480

Inverse Universe

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



34.4357, 36.6207, 43.2843



61.1915, 65.2086, 78.3633



33.3281, 34.4054, 42.9150



7.4536, 7.9442, 9.5589



8.1770, 7.8141, 29.0528



0.2493, 0.2908, 0.7236

Previews

White Background



This preview shows how the XYZ color 35.7606, 37.1748, 37.1889 looks on a white background.

Color Contrast Check

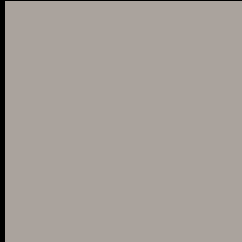
Large Text (above 18pt) WCAG AA × Fail

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 35.7606, 37.1748, 37.1889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

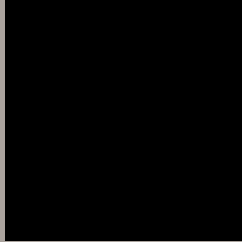
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7606, 37.1748, 37.1889

Background



This preview shows how black text looks on a background with the XYZ color 35.7606, 37.1748, 37.1889.



This preview shows how white text looks on a background with the XYZ color 35.7606, 37.1748,

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

35.7606, 37.1748, 37.1889

Protanopia

35.5452, 37.0637, 37.1789

Deuteranopia

37.8611, 37.2100, 37.5345



Tritanopia

37.3010, 37.2775, 44.7645

Trichromacy



Original Color

35.7606, 37.1748, 37.1889

Protanomaly

35.5452, 37.0637, 37.1789

Deuteranomaly

37.1025, 37.0752, 37.5485

Tritanomaly

36.6900, 37.2886, 41.8229

Monochromacy



Original Color

35.7606, 37.1748, 37.1889

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4344, 37.2311, 39.0369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7606, 37.1748, 37.1889 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(170, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(170, 163, 157)  
}
```

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(170, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 163, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.7606, 37.1748, 37.1889 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(170, 163, 157) }
```


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

```
.border{ border-color:rgb(170, 163, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(170, 163,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7606, 37.1748, 37.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 163, 157) }
```

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

```
.background{ background-color: rgb(170,  
163, 157) }
```

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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