

Converting Colors

XYZ(37.5787, 39.7963, 40.0267)

Have a look what the booklet for
XYZ(37.5787, 39.7963, 40.0267)
contains.

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Color

**XYZ(37.5041, 39.6425,
39.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA9A2
RGB	171, 169, 162
RGB Percent	67%, 66%, 64%
CMY	0.3294, 0.3372, 0.3647
CMYK	0.00, 0.01, 0.05, 0.33
HSL	47°, 5%, 65%
HSV	47°, 5%, 67%
XYZ	37.5041, 39.6425, 39.8575
YIQ	168.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

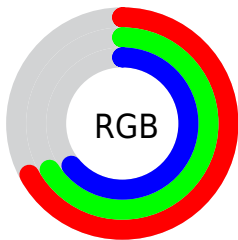
Format	Color
RYB	165, 171, 162
Decimal	11250082
CIELab	69.21, -0.57, 3.85
CIELCh	69, 3.893, 98.407
Yxy	39.6425, 0.3205, 0.3388
Android (android.graphics.Color)	4289440162 (0xFFABA9A2)
YUV	168.8000, -3.3524, 1.9294
Hunter-Lab	62.9623, -3.8587, 6.5408

Details

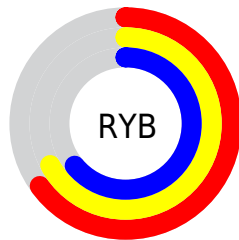
The XYZ color **37.5041, 39.6425, 39.8575** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5263, 37.1719, 43.8309**, and the grayscale version is **37.6290, 39.5886, 43.1120**.

A 20% lighter version of the original color is **70.5441, 74.4898, 76.3055**, and **16.7835, 17.7703, 17.2973** is the 20% darker color. If you saturate the color by 10%, you get **35.3912, 37.6857, 32.1569**, and if you desaturate by 10%, it is **39.8465, 41.7264, 48.6554**.

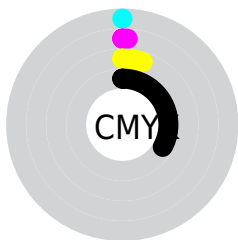
Distribution



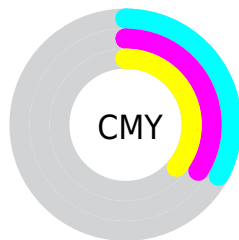
- Red (67%)
- Green (66%)
- Blue (64%)



- Red (65%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5041, 39.6425, 39.8575 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 37.5041, 39.6425, 39.8575 by changing the saturation by 10% instead.

■ 37.5041, 39.6425,
39.8575

■ 37.5041, 39.6425,
39.8575

326.8056,
344.6145, 361.0568

■ 25.7735, 27.2599,
27.1145

■ 70.6562, 74.6188,
76.1812

■ 16.7861, 17.7685,
17.4260

■ 92.8085, 97.9813,
100.5990

■ 10.1764, 10.7839,
10.3736

119.1653,
125.7726, 129.7454

■ 5.5793, 5.9217,
5.5385

150.0920,
158.3771, 164.0391

■ 2.6292, 2.7975,
2.5023

185.9541,
196.1791, 203.8985

■ 0.9608, 1.0270,
0.8414

227.1168,

■ 0.0000, 0.0000,

239.5631, 249.7423

0.0000

273.9455,
288.9134, 301.9889

■ 37.5041, 39.6425,
39.8575

■ 37.5041, 39.6425,
39.8575

■ 35.3912, 37.6857,
32.1569

■ 39.8465, 41.7264,
48.6554

■ 33.4959, 35.8472,
25.5073

■ 42.4230, 43.9357,
58.5893

■ 31.8104, 34.1248,
19.8629

■ 45.2423, 46.2754,
69.6991

■ 30.3250, 32.5144,
15.1736

■ 48.3116, 48.7487,
82.0220

■ 29.0291, 31.0115,
11.3849

■ 51.6378, 51.3585,
95.5936

■ 27.9111, 29.6111,
8.4368

■ 53.6427, 53.4739,
102.1020

■ 26.9583, 28.3077,
6.2619

■ 54.4851, 55.1587,
102.3828

■ 26.1555, 27.0952,
4.7825

■ 55.3491, 56.8867,
102.6708

■ 25.4841, 25.9658,
3.9014

■ 56.2348, 58.6582,
102.9660

Harmonies

Analogous

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



38.1217, 39.6425, 40.0512



37.5041, 39.6425, 39.8575



36.9395, 39.6425, 40.5304

Triad

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



37.5041, 39.6425, 39.8575



36.7479, 39.6425, 45.3310



38.8041, 39.6425, 44.4391

Complementary

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



37.5041, 39.6425, 39.8575



35.5263, 37.1719, 43.8309

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.



38.4283, 39.6425, 45.9092



37.5041, 39.6425, 39.8575



37.2398, 39.6425, 46.4339

Square

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



37.5041, 39.6425, 39.8575



36.5061, 39.6425, 43.6676



37.8545, 39.6425, 46.6484



38.8768, 39.6425, 42.6642

Rectangle

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



37.5041, 39.6425, 39.8575



36.6676, 39.6425, 41.3911



37.8545, 39.6425, 46.6484



38.7089, 39.6425, 44.9867

Sweetspot

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



37.5052, 39.6442, 39.8584



68.4775, 72.1792, 76.2505



36.4253, 37.1831, 40.4271



15.2810, 16.1054, 17.0426



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.



37.5052, 39.6442, 39.8584



66.8346, 70.6960, 70.1459



37.3614, 40.1257, 39.9589



8.6503, 9.1532, 9.0231



19.0307, 19.2669, 2.7159



0.5662, 0.6096, 0.0878

Inverse Universe

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



35.5263, 37.1719, 43.8309



62.7456, 65.5873, 78.3545



35.6641, 36.7167, 43.7357



8.0854, 8.4475, 10.1571



6.0957, 3.3252, 29.3651



0.2094, 0.1722, 0.8302

Previews

White Background



This preview shows how the XYZ color 37.5041, 39.6425, 39.8575 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 37.5041, 39.6425, 39.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

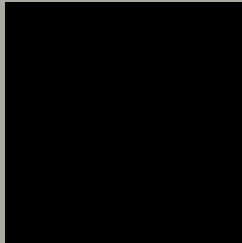
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

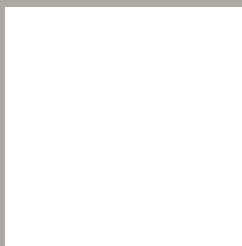
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5041, 39.6425, 39.8575

Background



This preview shows how black text looks on a background with the XYZ color 37.5041, 39.6425, 39.8575.



This preview shows how white text looks on a background with the XYZ color 37.5041, 39.6425,

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

37.5041, 39.6425, 39.8575

Protanopia

37.9798, 39.6126, 39.8267

Deuteranopia

40.2016, 39.4035, 40.1371



Tritanopia

39.2285, 39.5258, 48.2095

Trichromacy



Original Color

37.5041, 39.6425, 39.8575

Protanomaly

37.7578, 39.4981, 39.8163

Deuteranomaly

39.1220, 39.3784, 40.1892

Tritanomaly

38.5951, 39.5388, 45.1327

Monochromacy



Original Color

37.5041, 39.6425, 39.8575

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.6485, 39.6752, 41.7502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5041, 39.6425, 39.8575 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(171, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 162)  
}
```

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(171, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.5041, 39.6425, 39.8575 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(171, 169, 162) }
```


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

```
.border{ border-color:rgb(171, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(171, 169,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5041, 39.6425, 39.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 162) }
```

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

```
.background{ background-color: rgb(171,  
169, 162) }
```

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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