

Converting Colors

XYZ(36.9935, 39.1896, 35.3239)

Have a look what the booklet for
XYZ(36.9935, 39.1896, 35.3239)
contains.

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Color

**XYZ(36.9037, 39.1565,
35.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA898
RGB	173, 168, 152
RGB Percent	68%, 66%, 60%
CMY	0.3216, 0.3412, 0.4039
CMYK	0.00, 0.03, 0.12, 0.32
HSL	46°, 11%, 64%
HSV	46°, 12%, 68%
XYZ	36.9037, 39.1565, 35.3187
YIQ	167.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

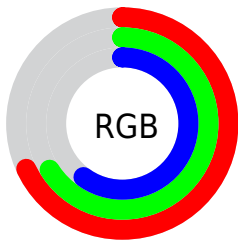
Format	Color
RYB	159, 173, 152
Decimal	11380888
CIELab	68.86, -1.03, 8.90
CIElCh	69, 8.959, 96.599
Yxy	39.1565, 0.3313, 0.3516
Android (android.graphics.Color)	4289570968 (0xFFADA898)
YUV	167.6710, -7.7258, 4.6735
Hunter-Lab	62.5752, -4.2361, 10.3381

Details

The XYZ color **36.9037, 39.1565, 35.3187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5486, 33.8058, 44.3452**, and the grayscale version is **37.0929, 39.0246, 42.4978**.

A 20% lighter version of the original color is **69.5232, 73.7256, 68.9587**, and **16.4795, 17.4953, 14.8203** is the 20% darker color. If you saturate the color by 10%, you get **34.8413, 37.1361, 28.1432**, and if you desaturate by 10%, it is **39.1990, 41.3112, 43.5925**.

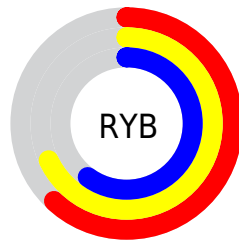
Distribution



Red (68%)

Green (66%)

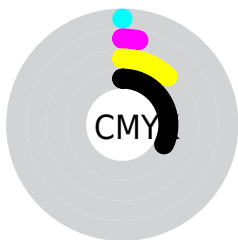
Blue (60%)



Red (62%)

Yellow (68%)

Blue (60%)

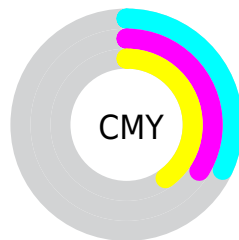


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9037, 39.1565, 35.3187 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 36.9037, 39.1565, 35.3187 by changing the saturation by 10% instead.

■ 36.9037, 39.1565,
35.3187

■ 36.9037, 39.1565,
35.3187

324.2562,
342.5554, 340.9197

■ 25.3063, 26.8815,
23.6230

■ 69.7394, 73.8773,
69.1364

■ 16.4353, 17.4842,
14.8446

■ 91.7085, 97.0920,
92.0953

■ 9.9255, 10.5803,
8.5650

117.8654,
124.7219, 119.6458

■ 5.4115, 5.7854,
4.3656

148.5756,
157.1516, 152.2064

■ 2.5279, 2.7150,
1.8280

184.2044,
194.7654, 190.1955

■ 0.9093, 0.9848,
0.4463

225.1172,

■ 0.0000, 0.0000,

237.9477, 234.0317

0.0000

271.6794,
287.0829, 284.1336

■ 36.9037, 39.1565,
35.3187

■ 36.9037, 39.1565,
35.3187

■ 34.8413, 37.1361,
28.1432

■ 39.1990, 41.3112,
43.5925

■ 32.9996, 35.2408,
22.0165

■ 41.7325, 43.5987,
53.0062

■ 31.3697, 33.4680,
16.8889

■ 44.5136, 46.0244,
63.6023

■ 29.9411, 31.8131,
12.7059

■ 47.5498, 48.5917,
75.4205

■ 28.7022, 30.2712,
9.4076

■ 50.8486, 51.3038,
88.4985

■ 27.6401, 28.8367,
6.9274

■ 54.2877, 54.1123,
102.1912

■ 26.7401, 27.5034,
5.1888

■ 55.2085, 55.9539,
102.4981

■ 25.9848, 26.2639,
4.1013

■ 56.1549, 57.8466,
102.8136

■ 25.4632, 25.3433,
3.5497

■ 57.1269, 59.7907,
103.1376

Harmonies

Analogous

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



38.3137, 39.1565, 35.8437



36.9037, 39.1565, 35.3187



35.6104, 39.1565, 36.6514

Triad

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



36.9037, 39.1565, 35.3187



35.0646, 39.1565, 47.4766



39.7835, 39.1565, 45.8214

Complementary

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



36.9037, 39.1565, 35.3187



32.5486, 33.8058, 44.3452

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.



38.8714, 39.1565, 49.2363



36.9037, 39.1565, 35.3187



36.1415, 39.1565, 50.2336

Square

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



36.9037, 39.1565, 35.3187



34.5662, 39.1565, 43.5411



37.5322, 39.1565, 50.8972



40.0001, 39.1565, 41.7411

Rectangle

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



36.9037, 39.1565, 35.3187



34.9805, 39.1565, 38.4672



37.5322, 39.1565, 50.8972



39.5470, 39.1565, 47.0929

Sweetspot

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



36.9048, 39.1582, 35.3195



69.3765, 73.2225, 75.0528



34.5695, 33.7841, 36.7098



15.0096, 15.8503, 16.0654



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.



36.9048, 39.1582, 35.3195



64.8962, 68.9740, 59.0332



36.7067, 40.4519, 35.5797



8.4988, 9.0023, 8.5031



18.7520, 18.7095, 2.6230



0.5603, 0.5978, 0.0859

Inverse Universe

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



32.5486, 33.8058, 44.3452



55.2950, 57.1775, 78.9278



32.7250, 32.6674, 44.1161



7.7279, 8.0551, 10.1002



6.1661, 3.4660, 29.3885



0.2134, 0.1802, 0.8315

Previews

White Background



This preview shows how the XYZ color 36.9037, 39.1565, 35.3187 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 36.9037, 39.1565, 35.3187 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

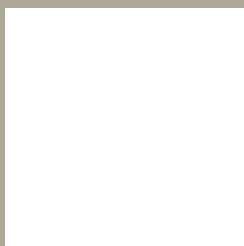
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9037, 39.1565, 35.3187

Background



This preview shows how black text looks on a background with the XYZ color 36.9037, 39.1565, 35.3187.



This preview shows how white text looks on a background with the XYZ color 36.9037, 39.1565,

35.3187.

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

36.9037, 39.1565, 35.3187

Protanopia

37.1654, 39.0184, 35.2782

Deuteranopia

39.9053, 39.0877, 35.5784



Tritanopia

39.3427, 39.0724, 47.0631

Trichromacy



Original Color

36.9037, 39.1565, 35.3187

Protanomaly

36.9418, 38.9031, 35.2678

Deuteranomaly

38.7924, 39.0412, 35.6281

Tritanomaly

38.4275, 38.9675, 42.5419

Monochromacy



Original Color

36.9037, 39.1565, 35.3187

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1018, 39.1599, 39.7856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9037, 39.1565, 35.3187 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(173, 168, 152)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 152)  
}
```

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(173, 168, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.9037, 39.1565, 35.3187 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(173, 168, 152) }
```


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

```
.border{ border-color:rgb(173, 168, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 152);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9037, 39.1565, 35.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 152) }
```

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

```
.background{ background-color: rgb(173,  
168, 152) }
```

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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