

Converting Colors

XYZ(36.2581, 37.7245, 35.5130)

Have a look what the booklet for
XYZ(36.2581, 37.7245, 35.5130)
contains.

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Color

**XYZ(36.2588, 37.7351,
35.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA499
RGB	173, 164, 153
RGB Percent	68%, 64%, 60%
CMY	0.3216, 0.3568, 0.4000
CMYK	0.00, 0.05, 0.12, 0.32
HSL	33°, 11%, 64%
HSV	33°, 12%, 68%
XYZ	36.2588, 37.7351, 35.5095
YIQ	165.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

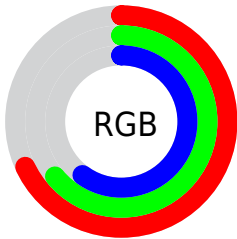
Format	Color
RYB	169, 173, 153
Decimal	11379865
CIELab	67.82, 1.31, 6.86
CIElCh	68, 6.985, 79.157
Yxy	37.7351, 0.3311, 0.3446
Android (android.graphics.Color)	4289569945 (0xFFADA499)
YUV	165.4370, -6.1314, 6.6328
Hunter-Lab	61.4289, -2.1398, 8.7271

Details

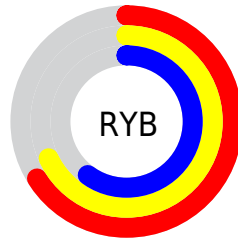
The XYZ color **36.2588, 37.7351, 35.5095** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5998, 35.6293, 44.6417**, and the grayscale version is **36.0005, 37.8753, 41.2462**.

A 20% lighter version of the original color is **68.5889, 71.6620, 69.2486**, and **16.0776, 16.6126, 14.9295** is the 20% darker color. If you saturate the color by 10%, you get **33.5823, 34.5051, 28.0715**, and if you desaturate by 10%, it is **39.2298, 41.2218, 44.0687**.

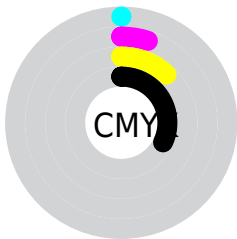
Distribution



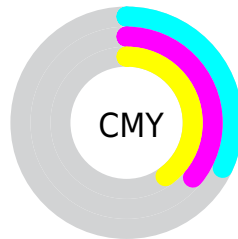
- Red (68%)
- Green (64%)
- Blue (60%)



- Red (66%)
- Yellow (68%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (32%)



- Cyan (32%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2588, 37.7351, 35.5095 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 36.2588, 37.7351, 35.5095 by changing the saturation by 10% instead.

■ 36.2588, 37.7351,
35.5095

■ 36.2588, 37.7351,
35.5095

321.5018,
336.4823, 341.7839

■ 24.8052, 25.7772,
23.7689

■ 68.7526, 71.7019,
69.4348

■ 16.0599, 16.6570,
14.9517

■ 90.5235, 94.4796,
92.4566

■ 9.6577, 9.9902,
8.6392

116.4641,
121.6327, 120.0760

■ 5.2331, 5.3925,
4.4130

146.9400,
153.5455, 152.7113

■ 2.4208, 2.4793,
1.8546

182.3163,
190.6024, 190.7812

■ 0.8555, 0.8663,
0.4636

222.9585,

■ 0.0000, 0.0000,

233.1880, 234.7043

0.0000

269.2319,
281.6864, 284.8990

■ 36.2588, 37.7351,
35.5095

■ 36.2588, 37.7351,
35.5095

■ 33.5823, 34.5051,
28.0715

■ 39.2298, 41.2218,
44.0687

■ 31.1868, 31.5202,
21.7050

■ 42.5021, 44.9664,
53.7912

■ 29.0623, 28.7751,
16.3603

■ 46.0860, 48.9767,
64.7196

■ 27.1968, 26.2626,
11.9824

■ 49.9903, 53.2585,
76.8940

■ 25.5776, 23.9749,
8.5115

■ 54.2235, 57.8173,
90.3523

■ 24.1902, 21.9034,
5.8808

■ 58.5025, 62.5419,
103.5961

■ 23.0185, 20.0390,
4.0141

■ 60.4792, 66.4953,
104.2550

■ 22.0439, 18.3712,
2.8213

■ 62.5508, 70.6384,
104.9455

■ 21.3423, 17.1015,
2.1761

■ 64.7184, 74.9737,
105.6681

Harmonies

Analogous

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



37.2437, 37.7351, 36.7431



36.2588, 37.7351, 35.5095



35.1878, 37.7351, 35.7127

Triad

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



36.2588, 37.7351, 35.5095



33.9368, 37.7351, 43.0733



37.4628, 37.7351, 45.1075

Complementary

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



36.2588, 37.7351, 35.5095



33.5998, 35.6293, 44.6417

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.



36.5530, 37.7351, 46.9753



36.2588, 37.7351, 35.5095



34.5228, 37.7351, 45.7606

Square

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



36.2588, 37.7351, 35.5095



33.8616, 37.7351, 39.9766



35.4762, 37.7351, 47.2202



37.9481, 37.7351, 42.2180

Rectangle

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



36.2588, 37.7351, 35.5095



34.5686, 37.7351, 36.6387



35.4762, 37.7351, 47.2202



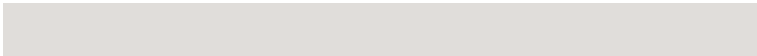
37.1957, 37.7351, 45.8818

Sweetspot

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



36.2598, 37.7368, 35.5103



69.4308, 72.8653, 76.5071



35.1468, 34.2758, 38.9463



14.9945, 15.7255, 16.3521



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.



36.2598, 37.7368, 35.5103



63.6014, 65.9867, 59.8273



37.7069, 40.9580, 36.0558



8.3567, 8.7183, 8.4557



15.7367, 12.6789, 1.6179



0.4914, 0.4600, 0.0629

Inverse Universe

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



33.5998, 35.6293, 44.6417



57.8379, 61.4206, 79.6127



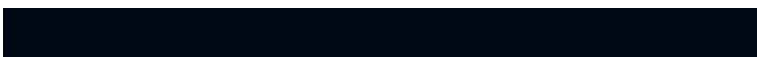
32.2609, 32.6701, 44.1411



7.8644, 8.3282, 10.1457



7.5889, 6.3116, 29.8628



0.2662, 0.2858, 0.8491

Previews

White Background



This preview shows how the XYZ color 36.2588, 37.7351, 35.5095 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 36.2588, 37.7351, 35.5095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

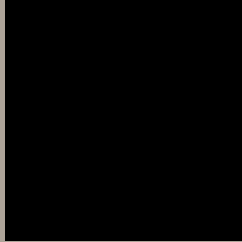
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2588, 37.7351, 35.5095

Background



This preview shows how black text looks on a background with the XYZ color 36.2588, 37.7351, 35.5095.



This preview shows how white text looks on a background with the XYZ color 36.2588, 37.7351,

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

36.2588, 37.7351, 35.5095

Protanopia

35.9995, 37.8681, 35.5489

Deuteranopia

38.4111, 37.7890, 35.8414



Tritanopia

38.2893, 37.7758, 45.3178

Trichromacy



Original Color

36.2588, 37.7351, 35.5095

Protanomaly

36.2182, 37.9808, 35.5591

Deuteranomaly

37.6337, 37.6466, 35.8549

Tritanomaly

37.4825, 37.7078, 41.3792

Monochromacy



Original Color

36.2588, 37.7351, 35.5095

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.0366, 37.8083, 39.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2588, 37.7351, 35.5095 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, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 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(173, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.2588, 37.7351, 35.5095 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, 164, 153) }
```


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

```
.border{ border-color:rgb(173, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2588, 37.7351, 35.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 153) }
```

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

```
.background{ background-color: rgb(173,  
164, 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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