

Converting Colors

XYZ(36.4170, 37.6168, 32.5355)

Have a look what the booklet for
XYZ(36.4170, 37.6168, 32.5355)
contains.

XYZ(36.4170, 37.6168, 32.5355)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.4170, 37.6168,
32.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A392
RGB	177, 163, 146
RGB Percent	69%, 64%, 57%
CMY	0.3059, 0.3608, 0.4274
CMYK	0.00, 0.08, 0.18, 0.31
HSL	33°, 17%, 63%
HSV	33°, 18%, 69%
XYZ	36.4170, 37.6168, 32.5355
YIQ	165.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

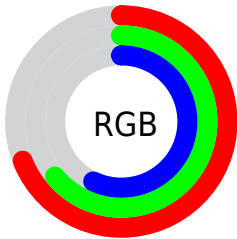
Format	Color
RYB	172, 177, 146
Decimal	11641746
CIELab	67.74, 2.22, 10.66
CIELCh	68, 10.893, 78.249
Yxy	37.6168, 0.3417, 0.3530
Android (android.graphics.Color)	4289831826 (0xFFB1A392)
YUV	165.2480, -9.4893, 10.3065
Hunter-Lab	61.3325, -1.3452, 11.4808

Details

The XYZ color **36.4170, 37.6168, 32.5355** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3606, 34.4263, 46.5348**, and the grayscale version is **35.9235, 37.7944, 41.1581**.

A 20% lighter version of the original color is **69.1010, 71.6366, 64.8288**, and **16.1079, 16.4985, 13.4019** is the 20% darker color. If you saturate the color by 10%, you get **33.7712, 34.3605, 25.3785**, and if you desaturate by 10%, it is **39.3677, 41.1411, 40.8468**.

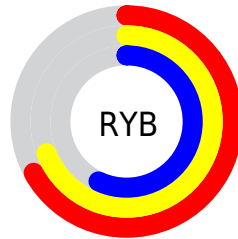
Distribution



Red (69%)

Green (64%)

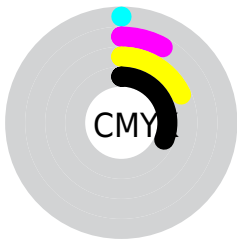
Blue (57%)



Red (67%)

Yellow (69%)

Blue (57%)

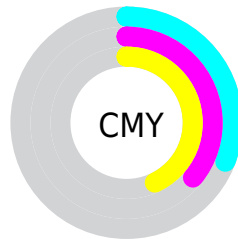


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4170, 37.6168, 32.5355 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 36.4170, 37.6168, 32.5355 by changing the saturation by 10% instead.


 36.4170, 37.6168,
32.5355


 36.4170, 37.6168,
32.5355


322.1791,
335.9733, 328.1190

 24.9280, 25.6854,
21.5026

 68.9949, 71.5204,
64.7573

 16.1519, 16.5884,
13.2971


 90.8145, 94.2614,
86.7833

 9.7232, 9.9415,
7.5003

116.8084,
121.3744, 113.3108

 5.2767, 5.3602,
3.6938

147.3419,
153.2438, 144.7582

 2.4469, 2.4601,
1.4589

182.7803,
190.2540, 181.5443

 0.8686, 0.8566,
0.1870

223.4891,

 0.0000, 0.0000,

232.7894, 224.0874

0.0000

269.8336,
281.2344, 272.8061

■ 36.4170, 37.6168,
32.5355

■ 36.4170, 37.6168,
32.5355

■ 33.7712, 34.3605,
25.3785

■ 39.3677, 41.1411,
40.8468

■ 31.4159, 31.3601,
19.3213

■ 42.6310, 44.9352,
50.3588

■ 29.3399, 28.6094,
14.3087

■ 46.2182, 49.0074,
61.1181

■ 27.5299, 26.1006,
10.2797

■ 50.1389, 53.3640,
73.1681

■ 25.9714, 23.8249,
7.1666

■ 54.4023, 58.0110,
86.5502

■ 24.6482, 21.7728,
4.8932

■ 59.0173, 62.9543,
101.3040

■ 23.5416, 19.9339,
3.3710

■ 61.4992, 67.2023,
104.3377

■ 22.6243, 18.2939,
2.4650

■ 63.6338, 71.4715,
105.0493

■ 22.4141, 17.9120,
2.2760

■ 65.8699, 75.9437,
105.7946

Harmonies

Analogous

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



37.9529, 37.6168, 34.4237



36.4170, 37.6168, 32.5355



34.7495, 37.6168, 32.7693

Triad

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



36.4170, 37.6168, 32.5355



32.7665, 37.6168, 43.9306



38.2235, 37.6168, 47.4473

Complementary

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



36.4170, 37.6168, 32.5355



32.3606, 34.4263, 46.5348

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.



36.7770, 37.6168, 50.4091



36.4170, 37.6168, 32.5355



33.6410, 37.6168, 48.2716

Square

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



36.4170, 37.6168, 32.5355



32.6770, 37.6168, 39.0990



35.0984, 37.6168, 50.7221



39.0176, 37.6168, 42.8756

Rectangle

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



36.4170, 37.6168, 32.5355



33.7868, 37.6168, 34.1003



35.0984, 37.6168, 50.7221



37.7954, 37.6168, 48.6791

Sweetspot

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



36.4180, 37.6185, 32.5363



71.8725, 75.2866, 77.0905



34.7969, 32.4598, 37.9040



15.4917, 16.2171, 16.4634



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.



36.4180, 37.6185, 32.5363



63.3371, 65.0740, 53.1026



38.8079, 42.7463, 33.4001



8.8697, 9.2520, 8.9709



16.3009, 13.1004, 1.6695



0.5702, 0.5268, 0.0716

Inverse Universe

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



32.3606, 34.4263, 46.5348



54.7118, 58.2886, 82.8625



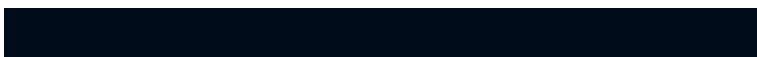
30.2538, 29.9388, 45.7796



8.3474, 8.8410, 10.7729



7.8829, 6.5661, 30.9889



0.3066, 0.3237, 0.9946

Previews

White Background



This preview shows how the XYZ color 36.4170, 37.6168, 32.5355 looks on a white background.

Color Contrast Check

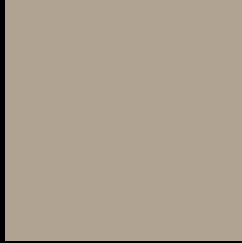
Large Text (above 18pt) WCAG AA × Fail

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 36.4170, 37.6168, 32.5355 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

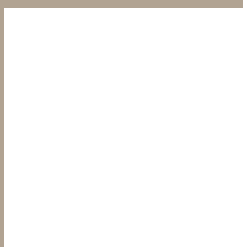
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4170, 37.6168, 32.5355

Background



This preview shows how black text looks on a background with the XYZ color 36.4170, 37.6168, 32.5355.



This preview shows how white text looks on a background with the XYZ color 36.4170, 37.6168,

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

36.4170, 37.6168, 32.5355

Protanopia

35.7349, 37.7875, 33.0141

Deuteranopia

38.4036, 37.5942, 32.8361



Tritanopia

38.6669, 37.4781, 44.2258

Trichromacy



Original Color

36.4170, 37.6168, 32.5355

Protanomaly

35.9975, 37.6562, 32.9749

Deuteranomaly

37.6044, 37.4385, 32.8482

Tritanomaly

37.7721, 37.3697, 39.8726

Monochromacy



Original Color

36.4170, 37.6168, 32.5355

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8092, 37.4546, 37.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4170, 37.6168, 32.5355 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(177, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 146)  
}
```

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(177, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 146) }
```

Border

The CSS property to change the border of an element to XYZ 36.4170, 37.6168, 32.5355 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(177, 163, 146) }
```


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

```
.border{ border-color:rgb(177, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(177, 163,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4170, 37.6168, 32.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 146) }
```

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

```
.background{ background-color: rgb(177,  
163, 146) }
```

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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