

Converting Colors

XYZ(34.9448, 36.5657, 37.7277)

Have a look what the booklet for
XYZ(34.9448, 36.5657, 37.7277)
contains.

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Color

**XYZ(34.8178, 36.4163,
37.5417)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A29E
RGB	166, 162, 158
RGB Percent	65%, 64%, 62%
CMY	0.3490, 0.3647, 0.3804
CMYK	0.00, 0.02, 0.05, 0.35
HSL	30°, 4%, 64%
HSV	30°, 5%, 65%
XYZ	34.8178, 36.4163, 37.5417
YIQ	162.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

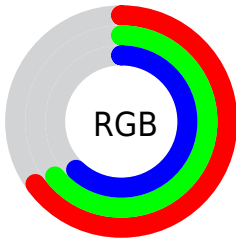
Format	Color
RYB	166, 166, 158
Decimal	10920606
CIELab	66.84, 0.70, 2.58
CIELCh	67, 2.673, 74.728
Yxy	36.4163, 0.3201, 0.3348
Android (android.graphics.Color)	4289110686 (0xFFA6A29E)
YUV	162.7400, -2.3368, 2.8590
Hunter-Lab	60.3459, -2.6162, 5.3573

Details

The XYZ color **34.8178, 36.4163, 37.5417** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9038, 35.8624, 41.2121**, and the grayscale version is **34.7005, 36.5076, 39.7568**.

A 20% lighter version of the original color is **66.6419, 69.8020, 72.9115**, and **15.1692, 15.7908, 16.1583** is the 20% darker color. If you saturate the color by 10%, you get **32.0716, 33.0578, 30.0465**, and if you desaturate by 10%, it is **37.8555, 40.0479, 46.0872**.

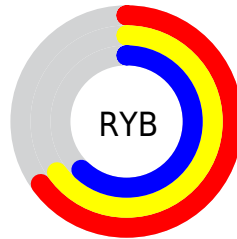
Distribution



Red (65%)

Green (64%)

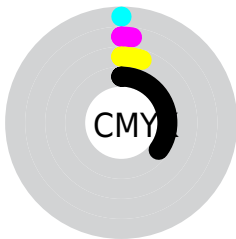
Blue (62%)



Red (65%)

Yellow (65%)

Blue (62%)

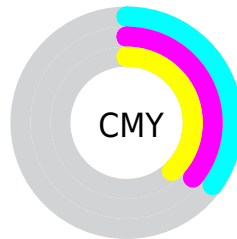


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8178, 36.4163, 37.5417 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 34.8178, 36.4163, 37.5417 by changing the saturation by 10% instead.

■ 34.8178, 36.4163,
37.5417

■ 34.8178, 36.4163,
37.5417

315.2855,
330.7765, 350.8889

■ 23.6884, 24.7559,
25.3281

■ 66.5393, 69.6741,
72.6007

■ 15.2261, 15.8953,
16.1004

■ 87.8621, 92.0403,
96.2833

■ 9.0656, 9.4501,
9.4401

113.3135,
118.7439, 124.6259

■ 4.8414, 5.0359,
4.9286

143.2587,
150.1693, 158.0471

■ 2.1883, 2.2683,
2.1474

178.0632,
186.7008, 196.9655

■ 0.7366, 0.7569,
0.6438

218.0922,

■ 0.0000, 0.0000,

228.7230, 241.7996

0.0000

263.7112,
276.6200, 292.9679

■ 34.8178, 36.4163,
37.5417

■ 34.8178, 36.4163,
37.5417

■ 32.0716, 33.0578,
30.0465

■ 37.8555, 40.0479,
46.0872

■ 29.6042, 29.9610,
23.5582

■ 41.1906, 43.9543,
55.7195

■ 27.4067, 27.1203,
18.0337

■ 44.8329, 48.1435,
66.4762

■ 25.4682, 24.5283,
13.4261

■ 48.7905, 52.6214,
78.3923

■ 23.7771, 22.1771,
9.6842

■ 53.0714, 57.3938,
91.5014

■ 22.3209, 20.0584,
6.7518

■ 57.2614, 62.2976,
103.6144

■ 21.0855, 18.1629,
4.5663

■ 59.3853, 66.5454,
104.3224

■ 20.0551, 16.4808,
3.0552

■ 61.6171, 71.0092,
105.0663

■ 19.2106, 15.0008,
2.1299

■ 63.9586, 75.6920,
105.8468

Harmonies

Analogous

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



35.1679, 36.4163, 38.1047



34.8178, 36.4163, 37.5417



34.4153, 36.4163, 37.5364

Triad

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



34.8178, 36.4163, 37.5417



33.8661, 36.4163, 40.2199



35.1626, 36.4163, 41.2542

Complementary

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



34.8178, 36.4163, 37.5417



33.9038, 35.8624, 41.2121

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.



34.8106, 36.4163, 41.8439



34.8178, 36.4163, 37.5417



34.0632, 36.4163, 41.2389

Square

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



34.8178, 36.4163, 37.5417



33.8680, 36.4163, 39.0675



34.4082, 36.4163, 41.8382



35.3681, 36.4163, 40.2406

Rectangle

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



34.8178, 36.4163, 37.5417



34.1716, 36.4163, 37.8492



34.4082, 36.4163, 41.8382



35.0574, 36.4163, 41.5095

Sweetspot

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



34.8188, 36.4179, 37.5425



65.2238, 68.5396, 73.8009



34.4749, 35.1699, 39.1544



14.6028, 15.3462, 16.5348



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.8188, 36.4179, 37.5425



62.5185, 65.2788, 66.2715



35.5342, 37.8486, 37.7809



8.0119, 8.3612, 8.4482



14.6438, 11.1849, 1.3871



0.4075, 0.3745, 0.0508

Inverse Universe

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



33.9038, 35.8624, 41.2121



60.4304, 64.0112, 74.6457



33.2109, 34.4766, 40.9811



7.7268, 8.1881, 9.5916



7.7791, 7.0184, 28.9202



0.2405, 0.2732, 0.7207

Previews

White Background



This preview shows how the XYZ color 34.8178, 36.4163, 37.5417 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 34.8178, 36.4163, 37.5417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

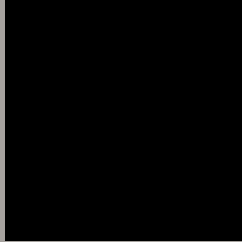
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8178, 36.4163, 37.5417

Background



This preview shows how black text looks on a background with the XYZ color 34.8178, 36.4163, 37.5417.



This preview shows how white text looks on a background with the XYZ color 34.8178, 36.4163,

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

34.8178, 36.4163, 37.5417

Protanopia

35.0282, 36.5248, 37.5516

Deuteranopia

37.1374, 36.3204, 37.8541



Tritanopia

36.1656, 36.4450, 44.1582

Trichromacy



Original Color

34.8178, 36.4163, 37.5417

Protanomaly

35.0282, 36.5248, 37.5516

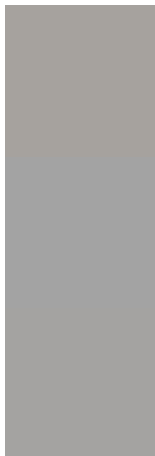
Deuteranomaly

36.3353, 36.4134, 37.9143

Tritanomaly

35.6563, 36.4952, 41.7242

Monochromacy



Original Color

34.8178, 36.4163, 37.5417

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8401, 36.6601, 38.9581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8178, 36.4163, 37.5417 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(166, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(166, 162, 158)  
}
```

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(166, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 34.8178, 36.4163, 37.5417 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(166, 162, 158) }
```


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

```
.border{ border-color:rgb(166, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(166, 162,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8178, 36.4163, 37.5417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 162, 158) }
```

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

```
.background{ background-color: rgb(166,  
162, 158) }
```

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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