

Converting Colors

XYZ(34.2550, 35.9923, 37.6630)

Have a look what the booklet for
XYZ(34.2550, 35.9923, 37.6630)
contains.

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Color

**XYZ(34.4017, 36.2018,
37.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A29E
RGB	164, 162, 158
RGB Percent	64%, 64%, 62%
CMY	0.3569, 0.3647, 0.3804
CMYK	0.00, 0.01, 0.04, 0.36
HSL	40°, 3%, 63%
HSV	40°, 4%, 64%
XYZ	34.4017, 36.2018, 37.5222
YIQ	162.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

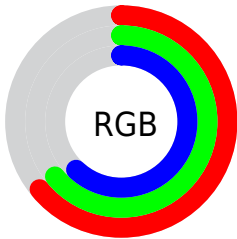
Format	Color
RYB	161, 164, 158
Decimal	10789534
CIELab	66.67, -0.02, 2.32
CIELCh	67, 2.322, 90.598
Yxy	36.2018, 0.3182, 0.3348
Android (android.graphics.Color)	4288979614 (0xFFA4A29E)
YUV	162.1420, -2.0420, 1.6295
Hunter-Lab	60.1679, -3.2345, 5.1429

Details

The XYZ color **34.4017, 36.2018, 37.5222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3721, 35.0904, 40.1366**, and the grayscale version is **34.4185, 36.2109, 39.4337**.

A 20% lighter version of the original color is **66.0365, 69.4899, 72.8832**, and **14.9119, 15.6581, 16.1463** is the 20% darker color. If you saturate the color by 10%, you get **32.1429, 33.7943, 30.2632**, and if you desaturate by 10%, it is **36.8927, 38.7713, 45.7889**.

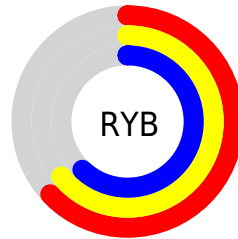
Distribution



Red (64%)

Green (64%)

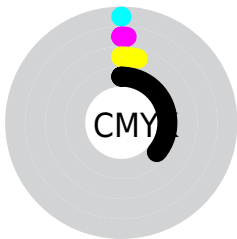
Blue (62%)



Red (63%)

Yellow (64%)

Blue (62%)

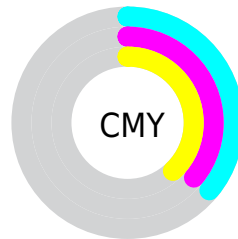


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4017, 36.2018, 37.5222 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 34.4017, 36.2018, 37.5222 by changing the saturation by 10% instead.

■ 34.4017, 36.2018,
37.5222

■ 34.4017, 36.2018,
37.5222

313.4740,
329.8417, 350.8024

■ 23.3667, 24.5901,
25.3131

■ 65.8980, 69.3434,
72.5705

■ 14.9867, 15.7719,
16.0894

■ 87.0900, 91.6421,
96.2468

■ 8.8963, 9.3629,
9.4324

112.3985,
118.2720, 124.5825

■ 4.7302, 4.9786,
4.9236

142.1887,
149.6173, 157.9963

■ 2.1230, 2.2347,
2.1446

176.8259,
186.0625, 196.9066

■ 0.7016, 0.7388,
0.6421

216.6757,

■ 0.0000, 0.0000,

227.9921, 241.7321

0.0000

262.1033,
275.7904, 292.8911

■ 34.4017, 36.2018,
37.5222

■ 34.4017, 36.2018,
37.5222

■ 32.1429, 33.7943,
30.2632

■ 36.8927, 38.7713,
45.7889

■ 30.1053, 31.5400,
23.9705

■ 39.6204, 41.5019,
55.0981

■ 28.2816, 29.4364,
18.6030

■ 42.5928, 44.3989,
65.4856

■ 26.6626, 27.4789,
14.1160

■ 45.8170, 47.4657,
76.9849

■ 25.2387, 25.6627,
10.4608

■ 49.2993, 50.7057,
89.6281

■ 23.9992, 23.9828,
7.5841

■ 52.8196, 54.0317,
102.2530

■ 22.9322, 22.4333,
5.4262

■ 54.0629, 56.5184,
102.6675

■ 22.0241, 21.0080,
3.9190

■ 55.3514, 59.0954,
103.0970

■ 21.2590, 19.6994,
2.9806

■ 56.6855, 61.7636,
103.5417

Harmonies

Analogous

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



34.7401, 36.2018, 37.7628



34.4017, 36.2018, 37.5222



34.0674, 36.2018, 37.7823

Triad

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



34.4017, 36.2018, 37.5222



33.8329, 36.2018, 40.4065



34.9982, 36.2018, 40.3711

Complementary

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



34.4017, 36.2018, 37.5222



33.3721, 35.0904, 40.1366

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.



34.7523, 36.2018, 41.0994



34.4017, 36.2018, 37.5222



34.0795, 36.2018, 41.1201

Square

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



34.4017, 36.2018, 37.5222



33.7404, 36.2018, 39.4377



34.4158, 36.2018, 41.3758



35.0858, 36.2018, 39.3975

Rectangle

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



34.4017, 36.2018, 37.5222



33.8915, 36.2018, 38.2072



34.4158, 36.2018, 41.3758



34.9312, 36.2018, 40.6533

Sweetspot

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



34.4027, 36.2034, 37.5230



63.5979, 66.9166, 71.8899



33.8823, 34.8848, 38.2058



13.9095, 14.6352, 15.7353



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.4027, 36.2034, 37.5230



62.2668, 65.5265, 67.5245



34.5517, 36.8065, 37.6315



7.6894, 8.0920, 8.2745



16.0114, 14.5968, 1.9736



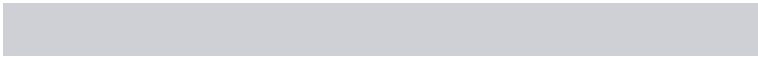
0.3770, 0.3879, 0.0550

Inverse Universe

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



33.3721, 35.0904, 40.1366



60.1886, 63.2823, 72.7948



33.2262, 34.5055, 40.0314



7.3977, 7.7770, 9.0143



6.2101, 4.1997, 27.4131



0.1724, 0.1721, 0.5900

Previews

White Background



This preview shows how the XYZ color 34.4017, 36.2018, 37.5222 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 34.4017, 36.2018, 37.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

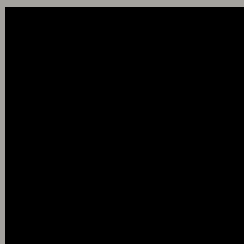
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

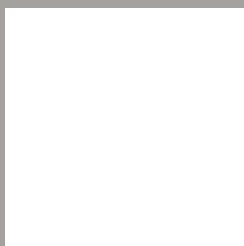
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4017, 36.2018, 37.5222

Background



This preview shows how black text looks on a background with the XYZ color 34.4017, 36.2018, 37.5222.



This preview shows how white text looks on a background with the XYZ color 34.4017, 36.2018,

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

34.4017, 36.2018, 37.5222

Protanopia

34.6423, 36.0654, 37.4832

Deuteranopia

36.9054, 36.2009, 37.8432



Tritanopia

35.7431, 36.2272, 44.1384

Trichromacy



Original Color

34.4017, 36.2018, 37.5222

Protanomaly

34.4335, 35.9577, 37.4734

Deuteranomaly

36.1117, 36.2981, 37.9038

Tritanomaly

35.2370, 36.2791, 41.7046

Monochromacy



Original Color

34.4017, 36.2018, 37.5222

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4576, 36.2004, 38.8895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4017, 36.2018, 37.5222 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(164, 162, 158) looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 34.4017, 36.2018, 37.5222 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(164, 162, 158) }
```


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

```
.border{ border-color:rgb(164, 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(164, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(164, 162,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4017, 36.2018, 37.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 162, 158) }
```

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

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