

Converting Colors

XYZ(34.1656, 35.9754, 25.1471)

Have a look what the booklet for
XYZ(34.1656, 35.9754, 25.1471)
contains.

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Color

**XYZ(34.2548, 36.1360,
25.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA17F
RGB	175, 161, 127
RGB Percent	69%, 63%, 50%
CMY	0.3137, 0.3686, 0.5020
CMYK	0.00, 0.08, 0.27, 0.31
HSL	43°, 23%, 59%
HSV	43°, 27%, 69%
XYZ	34.2548, 36.1360, 25.2482
YIQ	161.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

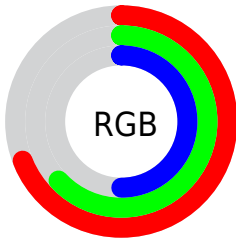
Format	Color
RYB	147, 175, 127
Decimal	11510143
CIELab	66.62, -0.32, 19.58
CIELCh	67, 19.585, 90.925
Yxy	36.1360, 0.3582, 0.3778
Android (android.graphics.Color)	4289700223 (0xFFAFA17F)
YUV	161.3100, -16.9148, 12.0061
Hunter-Lab	60.1132, -3.4821, 17.1768

Details

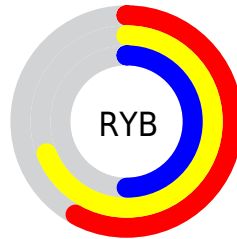
The XYZ color **34.2548, 36.1360, 25.2482** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.0149, 26.6561, 44.3315**, and the grayscale version is **34.0912, 35.8666, 39.0588**.

A 20% lighter version of the original color is **65.7491, 69.3959, 53.1094**, and **14.9771, 15.8395, 9.4757** is the 20% darker color. If you saturate the color by 10%, you get **32.3386, 33.9729, 19.4629**, and if you desaturate by 10%, it is **36.4074, 38.4544, 32.0905**.

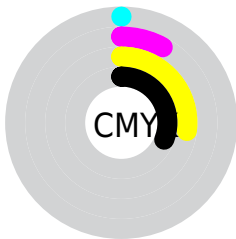
Distribution



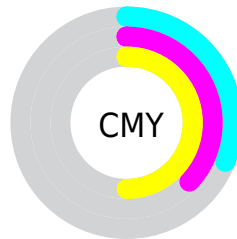
- Red (69%)
- Green (63%)
- Blue (50%)



- Red (58%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2548, 36.1360, 25.2482 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 34.2548, 36.1360, 25.2482 by changing the saturation by 10% instead.

■ 34.2548, 36.1360,
25.2482

■ 34.2548, 36.1360,
25.2482

312.8327,
329.5546, 292.5589

■ 23.2532, 24.5393,
16.0414

■ 65.6714, 69.2419,
53.0287

■ 14.9023, 15.7341,
9.3988

■ 86.8171, 91.5199,
72.4394

■ 8.8367, 9.3362,
4.9018

■ 112.0749,
118.1271, 96.0886

■ 4.6911, 4.9611,
2.1320

141.8101,
149.4478, 124.3946

■ 2.1001, 2.2245,
0.6347

176.3882,
185.8665, 157.7761

■ 0.6892, 0.7333,
0.0000

216.1744,

■ 0.0000, 0.0000,

227.7676, 196.6517

0.0000

261.5341,
275.5355, 241.4397

■ 34.2548, 36.1360,
25.2482

■ 34.2548, 36.1360,
25.2482

■ 32.3386, 33.9729,
19.4629

■ 36.4074, 38.4544,
32.0905

■ 30.6454, 31.9553,
14.6784

■ 38.8035, 40.9278,
40.0378

■ 29.1644, 30.0795,
10.8363

■ 41.4534, 43.5624,
49.1378

■ 27.8829, 28.3396,
7.8716

■ 44.3659, 46.3621,
59.4347

■ 26.7864, 26.7291,
5.7107

■ 47.5492, 49.3311,
70.9704

■ 25.8584, 25.2407,
4.2682

■ 51.0114, 52.4731,
83.7848

■ 25.0737, 23.8635,
3.4139

■ 54.7599, 55.7918,
97.9159

■ 24.8835, 23.5226,
3.2288

■ 56.8089, 58.4934,
102.9040

■ 58.0248, 60.9251,
103.3092

Harmonies

Analogous

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



37.1741, 36.1360, 26.7988



34.2548, 36.1360, 25.2482



31.5157, 36.1360, 27.0020

Triad

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



34.2548, 36.1360, 25.2482



29.7110, 36.1360, 48.2890



39.5404, 36.1360, 47.7708

Complementary

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



34.2548, 36.1360, 25.2482



26.0149, 26.6561, 44.3315

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.



37.3413, 36.1360, 54.9736



34.2548, 36.1360, 25.2482



31.6655, 36.1360, 55.3016

Square

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



34.2548, 36.1360, 25.2482



28.9863, 36.1360, 39.6085



34.4377, 36.1360, 57.9048



40.3291, 36.1360, 39.0846

Rectangle

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



34.2548, 36.1360, 25.2482



30.1324, 36.1360, 29.9776



34.4377, 36.1360, 57.9048



38.9356, 36.1360, 50.4873

Sweetspot

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



34.2557, 36.1376, 25.2490



69.1759, 72.9760, 70.6278



30.1064, 26.2281, 28.8318



15.2280, 16.0700, 15.2037



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.



34.2557, 36.1376, 25.2490



59.1931, 62.3081, 38.6369



34.7613, 40.2347, 26.0131



8.4624, 8.9297, 8.4910



17.8748, 16.9551, 2.3306



0.5413, 0.5598, 0.0795

Inverse Universe

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



26.0149, 26.6561, 44.3315



41.9333, 42.4553, 78.6214



25.5787, 23.5590, 43.7567



7.7621, 8.1236, 10.1116



6.4371, 4.0081, 29.4789



0.2268, 0.2069, 0.8360

Previews

White Background



This preview shows how the XYZ color 34.2548, 36.1360, 25.2482 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 34.2548, 36.1360, 25.2482 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 34.2548, 36.1360, 25.2482

Background



This preview shows how black text looks on a background with the XYZ color 34.2548, 36.1360, 25.2482.



This preview shows how white text looks on a background with the XYZ color 34.2548, 36.1360,

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

34.2548, 36.1360, 25.2482

Protanopia

33.9847, 36.2572, 25.2858

Deuteranopia

36.7710, 36.1543, 25.4625



Tritanopia

37.6116, 35.9731, 42.0070

Trichromacy



Original Color

34.2548, 36.1360, 25.2482

Protanomaly

34.2067, 36.3716, 25.2962

Deuteranomaly

35.8903, 36.2026, 25.5182

Tritanomaly

36.1668, 35.8788, 35.1561

Monochromacy



Original Color

34.2548, 36.1360, 25.2482

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.8956, 35.7667, 33.5509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2548, 36.1360, 25.2482 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(175, 161, 127)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 127)  
}
```

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(175, 161, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 127) }
```

Border

The CSS property to change the border of an element to XYZ 34.2548, 36.1360, 25.2482 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(175, 161, 127) }
```


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

```
.border{ border-color:rgb(175, 161, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2548, 36.1360, 25.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 127) }
```

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

```
.background{ background-color: rgb(175,  
161, 127) }
```

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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