

Converting Colors

XYZ(36.0436, 40.0693, 25.2584)

Have a look what the booklet for
XYZ(36.0436, 40.0693, 25.2584)
contains.

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Color

**XYZ(36.1334, 40.0997,
25.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAC7D
RGB	175, 172, 125
RGB Percent	69%, 67%, 49%
CMY	0.3137, 0.3255, 0.5098
CMYK	0.00, 0.02, 0.29, 0.31
HSL	56°, 24%, 59%
HSV	56°, 29%, 69%
XYZ	36.1334, 40.0997, 25.2376
YIQ	167.5390, 16.8750, -13.9810

Conversions

Conversions Part 2

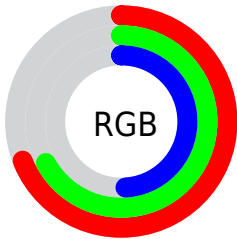
Format	Color
RYB	128, 175, 125
Decimal	11512957
CIELab	69.54, -6.50, 24.63
CIELCh	70, 25.472, 104.783
Yxy	40.0997, 0.3561, 0.3952
Android (android.graphics.Color)	4289703037 (0xFFAFAC7D)
YUV	167.5390, -20.9717, 6.5433
Hunter-Lab	63.3243, -8.9639, 20.6973

Details

The XYZ color **36.1334, 40.0997, 25.2376** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.9144, 22.8929, 43.7159**, and the grayscale version is **37.0881, 39.0195, 42.4923**.

A 20% lighter version of the original color is **68.4600, 75.1414, 53.0150**, and **16.0470, 18.0923, 9.4839** is the 20% darker color. If you saturate the color by 10%, you get **34.9142, 39.2954, 19.7933**, and if you desaturate by 10%, it is **37.5532, 40.9896, 31.7216**.

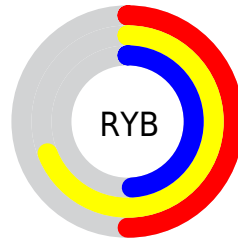
Distribution



Red (69%)

Green (67%)

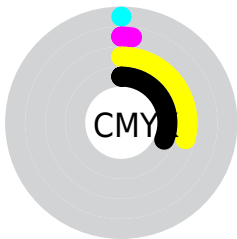
Blue (49%)



Red (50%)

Yellow (69%)

Blue (49%)

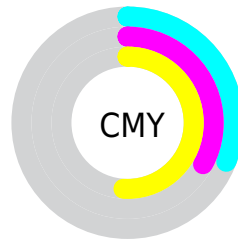


Cyan (0%)

Magenta (2%)

Yellow (29%)

Black (31%)



Cyan (31%)


Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1334, 40.0997, 25.2376 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 36.1334, 40.0997, 25.2376 by changing the saturation by 10% instead.


 36.1334, 40.0997,
25.2376


 36.1334, 40.0997,
25.2376


320.9643,
346.5436, 292.5046


 24.7078, 27.6163,
16.0335


 68.5604, 75.3153,
53.0113

 15.9871, 18.0366,
9.3933

 90.2926, 98.8163,
72.4180

 9.6058, 10.9763,
4.8983


 116.1910,
126.7586, 96.0627

 5.1986, 6.0509,
2.1300

146.6211,
159.5266, 124.3639

 2.4002, 2.8760,
0.6335

181.9481,
197.5047, 157.7402

 0.8452, 1.0674,
0.0000

222.5374,

 0.0000, 0.0000,

241.0773, 196.6100

0.0000

268.7543,
290.6288, 241.3920

■ 36.1334, 40.0997,
25.2376

■ 36.1334, 40.0997,
25.2376

■ 34.9142, 39.2954,
19.7933

■ 37.5532, 40.9896,
31.7216

■ 33.8822, 38.5670,
15.3316

■ 39.1802, 41.9635,
39.2932

■ 33.0272, 37.9120,
11.7941

■ 41.0244, 43.0268,
48.0004

■ 32.3366, 37.3252,
9.1148

■ 43.0941, 44.1828,
57.8876

■ 31.7963, 36.8011,
7.2193

■ 45.3973, 45.4348,
68.9968

■ 31.3898, 36.3330,
6.0204

■ 47.9417, 46.7858,
81.3679

■ 31.0878, 35.9091,
5.3645

■ 50.7344, 48.2387,
95.0392

■ 31.0471, 35.8497,
5.2833

■ 52.1299, 49.1352,
101.3442

■ 52.3429, 49.5614,
101.4153

Harmonies

Analogous

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



40.2247, 40.0997, 25.2684



36.1334, 40.0997, 25.2376



32.8157, 40.0997, 29.4927

Triad

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



36.1334, 40.0997, 25.2376



32.7774, 40.0997, 61.6147



46.2551, 40.0997, 49.8729

Complementary

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



36.1334, 40.0997, 25.2376



23.9144, 22.8929, 43.7159

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.



43.9530, 40.0997, 61.7675



36.1334, 40.0997, 25.2376



36.0776, 40.0997, 69.3309

Square

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



36.1334, 40.0997, 25.2376



30.9748, 40.0997, 49.6920



40.1648, 40.0997, 69.3913



46.2727, 40.0997, 38.1402

Rectangle

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



36.1334, 40.0997, 25.2376



31.4046, 40.0997, 34.7153



40.1648, 40.0997, 69.3913



45.7158, 40.0997, 54.0267

Sweetspot

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



36.1344, 40.1015, 25.2384



69.9892, 75.0485, 69.5241



28.9314, 25.3490, 23.9058



15.4586, 16.6230, 14.9973



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.



36.1344, 40.1015, 25.2384



63.3589, 70.9343, 39.1166



32.2318, 38.9456, 25.2210



8.6210, 9.2468, 8.5438



22.2500, 25.7054, 3.7889



0.6311, 0.7393, 0.1094

Inverse Universe

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



23.9144, 22.8929, 43.7159



38.0201, 35.2539, 77.4377



27.0448, 23.9351, 43.7521



7.6160, 7.8314, 10.0629



5.6392, 2.4122, 29.2129



0.1691, 0.0915, 0.8167

Previews

White Background



This preview shows how the XYZ color 36.1334, 40.0997, 25.2376 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 36.1334, 40.0997, 25.2376 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

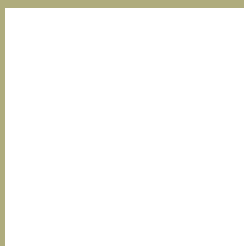
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1334, 40.0997, 25.2376

Background



This preview shows how black text looks on a background with the XYZ color 36.1334, 40.0997, 25.2376.



This preview shows how white text looks on a background with the XYZ color 36.1334, 40.0997,

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

36.1334, 40.0997, 25.2376

Protanopia

37.3042, 40.1498, 24.8523

Deuteranopia

40.7474, 40.0061, 25.6530



Tritanopia

40.7824, 40.0697, 47.7042

Trichromacy



Original Color

36.1334, 40.0997, 25.2376

Protanomaly

36.7914, 40.1648, 24.8822

Deuteranomaly

38.8880, 39.8552, 25.3819

Tritanomaly

38.8510, 40.0922, 38.4918

Monochromacy



Original Color

36.1334, 40.0997, 25.2376

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6500, 39.3009, 35.3599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1334, 40.0997, 25.2376 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, 172, 125)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 125)  
}
```

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, 172, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 125) }
```

Border

The CSS property to change the border of an element to XYZ 36.1334, 40.0997, 25.2376 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, 172, 125) }
```


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

```
.border{ border-color:rgb(175, 172, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 172, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 172, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 172, 125);  
box-shadow:4px 4px 4px 4px rgb(175, 172,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1334, 40.0997, 25.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 125) }
```

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

```
.background{ background-color: rgb(175,  
172, 125) }
```

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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