

Converting Colors

XYZ(36.1007, 41.0197, 25.6558)

Have a look what the booklet for
XYZ(36.1007, 41.0197, 25.6558)
contains.

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Color

**XYZ(36.1091, 40.9370,
25.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAF7E
RGB	172, 175, 126
RGB Percent	67%, 69%, 49%
CMY	0.3255, 0.3137, 0.5059
CMYK	0.02, 0.00, 0.28, 0.31
HSL	64°, 23%, 59%
HSV	64°, 28%, 69%
XYZ	36.1091, 40.9370, 25.7371
YIQ	168.5170, 13.9410, -15.8750

Conversions

Conversions Part 2

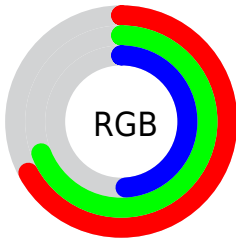
Format	Color
RYB	126, 175, 129
Decimal	11317118
CIELab	70.13, -9.13, 24.84
CIELCh	70, 26.467, 110.177
Yxy	40.9370, 0.3513, 0.3983
Android (android.graphics.Color)	4289507198 (0xFFACAF7E)
YUV	168.5170, -20.9609, 3.0546
Hunter-Lab	63.9820, -11.2297, 20.9377

Details

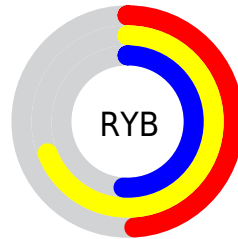
The XYZ color **36.1091, 40.9370, 25.7371** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.2536, 22.6851, 43.6602**, and the grayscale version is **37.5698, 39.5263, 43.0442**.

A 20% lighter version of the original color is **68.4284, 76.3423, 53.7768**, and **15.9952, 18.6097, 9.5865** is the 20% darker color. If you saturate the color by 10%, you get **34.8431, 40.4049, 20.2901**, and if you desaturate by 10%, it is **37.5767, 41.5528, 32.2264**.

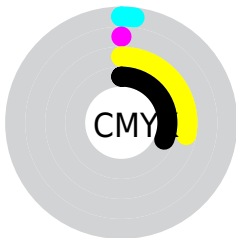
Distribution



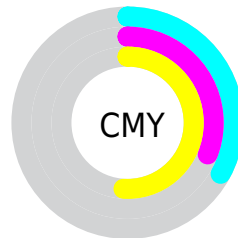
- Red (67%)
- Green (69%)
- Blue (49%)



- Red (49%)
- Yellow (69%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1091, 40.9370, 25.7371 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 36.1091, 40.9370, 25.7371 by changing the saturation by 10% instead.

■ 36.1091, 40.9370,
25.7371

■ 36.1091, 40.9370,
25.7371

320.8601,
350.0572, 295.0534

■ 24.6890, 28.2699,
16.4031

■ 68.5232, 76.5882,
53.8294

■ 15.9730, 18.5292,
9.6524

■ 90.2479, 100.3411,
73.4247

■ 9.5958, 11.3306,
5.0665

■ 116.1381,
128.5581, 97.2776

■ 5.1920, 6.2896,
2.2269

146.5592,
161.6235, 125.8065

■ 2.3962, 3.0220,
0.6898

181.8767,
199.9217, 159.4300

■ 0.8432, 1.1432,
0.0000

222.4557,

■ 0.0000, 0.0146,

243.8371, 198.5666

0.0000

268.6617,
293.7542, 243.6349

■ 0.0000, 0.0000,
0.0000

■ 36.1091, 40.9370,
25.7371

■ 36.1091, 40.9370,
25.7371

■ 34.8431, 40.4049,
20.2901

■ 37.5767, 41.5528,
32.2264

■ 33.7652, 39.9469,
15.8286

■ 39.2523, 42.2505,
39.8057

■ 32.8653, 39.5603,
12.2943

■ 41.1458, 43.0357,
48.5228

■ 32.1310, 39.2401,
9.6220

■ 43.2657, 43.9117,
58.4221

■ 31.5481, 38.9807,
7.7375

■ 45.6200, 44.8816,
69.5452

■ 31.1004, 38.7756,
6.5547

■ 48.2162, 45.9485,
81.9322

■ 30.7609, 38.6140,
5.9324

■ 51.0615, 47.1152,
95.6211

■ 30.6974, 38.5835,
5.8294

■ 52.3396, 47.6554,
101.0476

■ 52.5915, 47.7852,
101.0593

Harmonies

Analogous

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



40.3464, 40.9370, 24.9729



36.1091, 40.9370, 25.7371



32.8617, 40.9370, 30.9865

Triad

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



36.1091, 40.9370, 25.7371



33.8197, 40.9370, 65.4972



47.6985, 40.9370, 48.7643

Complementary

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



36.1091, 40.9370, 25.7371



24.2536, 22.6851, 43.6602

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.



45.6569, 40.9370, 61.6445



36.1091, 40.9370, 25.7371



37.5069, 40.9370, 72.4218

Square

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



36.1091, 40.9370, 25.7371



31.6095, 40.9370, 53.3094



41.8508, 40.9370, 70.8942



47.2546, 40.9370, 36.8481

Rectangle

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



36.1091, 40.9370, 25.7371



31.5942, 40.9370, 36.9701



41.8508, 40.9370, 70.8942



47.2747, 40.9370, 53.1537

Sweetspot

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



36.1101, 40.9388, 25.7380



70.2514, 75.6464, 71.0865



29.2245, 26.1774, 23.2516



15.5097, 16.7699, 15.3239



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.



36.1101, 40.9388, 25.7380



63.1345, 72.6701, 39.4635



31.3192, 38.4690, 25.5138



8.6135, 9.3048, 8.5554



22.0011, 27.6391, 4.1753



0.6263, 0.7762, 0.1168

Inverse Universe

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



24.2536, 22.6851, 43.6602



38.1559, 34.2091, 77.2288



28.3274, 24.7852, 43.8509



7.6227, 7.7798, 10.0526



5.6568, 2.2761, 29.1857



0.1718, 0.0707, 0.8126

Previews

White Background



This preview shows how the XYZ color 36.1091, 40.9370, 25.7371 looks on a white background.

Color Contrast Check

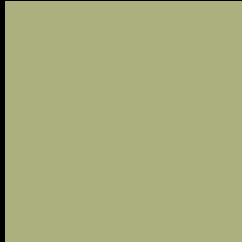
Large Text (above 18pt) WCAG AA × Fail

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 36.1091, 40.9370, 25.7371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

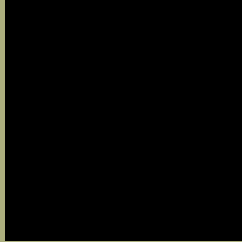
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

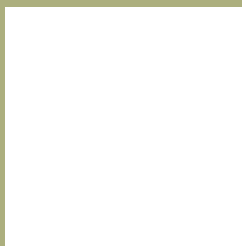
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1091, 40.9370, 25.7371

Background



This preview shows how black text looks on a background with the XYZ color 36.1091, 40.9370, 25.7371.



This preview shows how white text looks on a background with the XYZ color 36.1091, 40.9370,

25.7371.

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

36.1091, 40.9370, 25.7371

Protanopia

37.9682, 40.7714, 24.9373

Deuteranopia

41.5289, 40.6660, 26.0826



Tritanopia

40.9335, 40.9252, 49.4580

Trichromacy



Original Color

36.1091, 40.9370, 25.7371

Protanomaly

37.2766, 40.6890, 25.2911

Deuteranomaly

39.3193, 40.6139, 25.8456

Tritanomaly

38.9004, 40.9291, 39.5681

Monochromacy



Original Color

36.1091, 40.9370, 25.7371

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.8902, 39.9718, 35.9080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1091, 40.9370, 25.7371 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(172, 175, 126)` looks like.

```
.text, #text, p{  
    color:rgb(172, 175, 126)  
}
```

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(172, 175, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 126) }
```

Border

The CSS property to change the border of an element to XYZ 36.1091, 40.9370, 25.7371 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(172, 175, 126) }
```


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

```
.border{ border-color:rgb(172, 175, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 175, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 126);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1091, 40.9370, 25.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 175, 126) }
```

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

```
.background{ background-color: rgb(172,  
175, 126) }
```

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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