

Converting Colors

XYZ(36.0861, 40.1127, 36.4124)

Have a look what the booklet for
XYZ(36.0861, 40.1127, 36.4124)
contains.

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Color

**XYZ(36.0861, 40.1127,
36.4124)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AD9A
RGB	164, 173, 154
RGB Percent	64%, 68%, 60%
CMY	0.3569, 0.3216, 0.3961
CMYK	0.05, 0.00, 0.11, 0.32
HSL	88°, 10%, 64%
HSV	88°, 11%, 68%
XYZ	36.0861, 40.1127, 36.4124
YIQ	168.1430, 0.7350, -7.8170

Conversions

Conversions Part 2

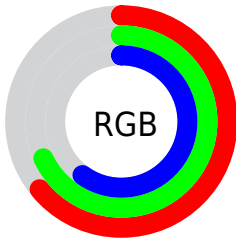
Format	Color
RYB	154, 173, 163
Decimal	10792346
CIELab	69.55, -6.70, 8.68
CIELCh	70, 10.961, 127.662
Yxy	40.1127, 0.3204, 0.3562
Android (android.graphics.Color)	4288982426 (0xFFA4AD9A)
YUV	168.1430, -6.9725, -3.6334
Hunter-Lab	63.3346, -9.1317, 10.2471

Details

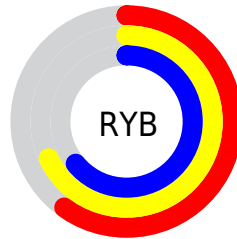
The XYZ color **36.0861, 40.1127, 36.4124** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2042, 33.9159, 44.2809**, and the grayscale version is **37.3235, 39.2672, 42.7620**.

A 20% lighter version of the original color is **68.3420, 75.1009, 70.5684**, and **15.9676, 18.0988, 15.4838** is the 20% darker color. If you saturate the color by 10%, you get **33.1107, 38.7347, 29.2860**, and if you desaturate by 10%, it is **39.3805, 41.6335, 44.6395**.

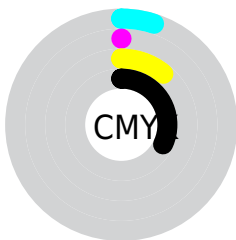
Distribution



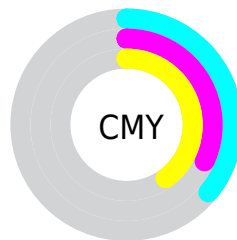
- Red (64%)
- Green (68%)
- Blue (60%)



- Red (60%)
- Yellow (68%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0861, 40.1127, 36.4124 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 36.0861, 40.1127, 36.4124 by changing the saturation by 10% instead.

■ 36.0861, 40.1127,
36.4124

■ 36.0861, 40.1127,
36.4124

320.7614,
346.5984, 345.8513

■ 24.6711, 27.6264,
24.4607

■ 68.4879, 75.3351,
70.8443

■ 15.9596, 18.0442,
15.4603

■ 90.2055, 98.8400,
94.1616

■ 9.5862, 10.9818,
8.9929

116.0880,
126.7866, 122.1044

■ 5.1857, 6.0546,
4.6398

146.5007,
159.5592, 155.0914

■ 2.3925, 2.8783,
1.9825

181.8091,
197.5423, 193.5410

■ 0.8414, 1.0685,
0.5445

222.3784,

■ 0.0000, 0.0000,

241.1203, 237.8718

0.0000

268.5741,
290.6775, 288.5024

■ 36.0861, 40.1127,
36.4124

■ 36.0861, 40.1127,
36.4124

■ 33.1107, 38.7347,
29.2860

■ 39.3805, 41.6335,
44.6395

■ 30.4401, 37.4896,
23.2110

■ 43.0008, 43.2963,
54.0086

■ 28.0637, 36.3744,
18.1382

■ 46.9580, 45.1068,
64.5620

■ 25.9693, 35.3838,
14.0137

■ 51.2614, 47.0691,
76.3390

■ 24.1433, 34.5122,
10.7781

■ 55.9200, 49.1869,
89.3773

■ 22.5710, 33.7534,
8.3656

■ 60.4875, 51.2820,
101.3181

■ 21.2357, 33.1005,
6.7012

■ 62.9284, 52.5403,
101.4323

■ 20.1181, 32.5454,
5.6962

■ 65.4911, 53.8614,
101.5523

■ 19.2624, 32.1147,
5.1835

■ 68.1776, 55.2463,
101.6780

Harmonies

Analogous

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



37.6744, 40.1127, 34.7192



36.0861, 40.1127, 36.4124



35.0669, 40.1127, 40.0787

Triad

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



36.0861, 40.1127, 36.4124



36.8483, 40.1127, 53.3154



41.5957, 40.1127, 42.3905

Complementary

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



36.0861, 40.1127, 36.4124



34.2042, 33.9159, 44.2809

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.



41.3579, 40.1127, 47.4822



36.0861, 40.1127, 36.4124



38.5810, 40.1127, 54.0541

Square

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



36.0861, 40.1127, 36.4124



35.4973, 40.1127, 49.8994



40.2412, 40.1127, 51.8463



40.8812, 40.1127, 37.9927

Rectangle

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



36.0861, 40.1127, 36.4124



34.8288, 40.1127, 43.2799



40.2412, 40.1127, 51.8463



41.6248, 40.1127, 44.0744

Sweetspot

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



36.0872, 40.1144, 36.4133



69.2577, 73.9764, 76.7307



36.1413, 37.3658, 35.8799



14.9473, 16.0288, 16.4132



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



36.0872, 40.1144, 36.4133



63.3828, 71.2638, 62.1797



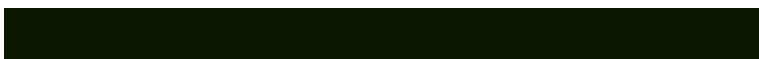
34.2248, 39.1543, 36.3261



8.2916, 9.1389, 8.5403



14.2168, 23.6261, 3.8110



0.4581, 0.6895, 0.1089

Inverse Universe

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



34.2042, 33.9159, 44.2809



59.3836, 58.0985, 78.8901



36.1938, 34.9416, 44.3740



7.9263, 7.9363, 10.0668



8.1606, 3.5668, 29.3029



0.2905, 0.1319, 0.8181

Previews

White Background



This preview shows how the XYZ color 36.0861, 40.1127, 36.4124 looks on a white background.

Color Contrast Check

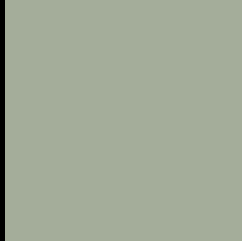
Large Text (above 18pt) WCAG AA × Fail

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 36.0861, 40.1127, 36.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

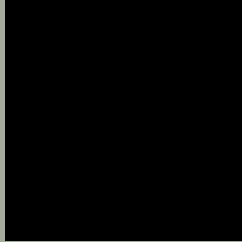
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

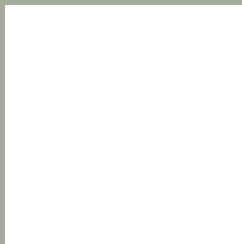
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0861, 40.1127, 36.4124

Background



This preview shows how black text looks on a background with the XYZ color 36.0861, 40.1127, 36.4124.



This preview shows how white text looks on a background with the XYZ color 36.0861, 40.1127,

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

36.0861, 40.1127, 36.4124

Protanopia

37.9869, 39.9900, 35.4225

Deuteranopia

40.7621, 40.0276, 37.0302



Tritanopia

38.7799, 40.0782, 49.9479

Trichromacy



Original Color

36.0861, 40.1127, 36.4124

Protanomaly

37.1378, 39.8200, 35.8657

Deuteranomaly

38.7912, 39.8277, 36.6534

Tritanomaly

37.7575, 39.9435, 44.7496

Monochromacy



Original Color

36.0861, 40.1127, 36.4124

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.9219, 39.6093, 40.3497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0861, 40.1127, 36.4124 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, 173, 154)` looks like.

```
.text, #text, p{  
    color:rgb(164, 173, 154)  
}
```

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, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 173, 154) }
```

Border

The CSS property to change the border of an element to XYZ 36.0861, 40.1127, 36.4124 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, 173, 154) }
```


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

```
.border{ border-color:rgb(164, 173, 154) }
```

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

Here you see how a box with a 4 pixel rgb(164, 173, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(164, 173,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0861, 40.1127, 36.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 173, 154) }
```

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

```
.background{ background-color: rgb(164,  
173, 154) }
```

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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