

Converting Colors

XYZ(36.9775, 41.2037, 40.6493)

Have a look what the booklet for
XYZ(36.9775, 41.2037, 40.6493)
contains.

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Color

**XYZ(37.0365, 41.3764,
40.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B0A3
RGB	162, 176, 163
RGB Percent	64%, 69%, 64%
CMY	0.3647, 0.3098, 0.3608
CMYK	0.08, 0.00, 0.07, 0.31
HSL	124°, 8%, 66%
HSV	124°, 8%, 69%
XYZ	37.0365, 41.3764, 40.6847
YIQ	170.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

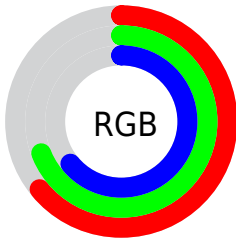
Format	Color
RYB	162, 175, 176
Decimal	10662051
CIELab	70.44, -7.38, 4.98
CIELCh	70, 8.902, 145.983
Yxy	41.3764, 0.3110, 0.3474
Android (android.graphics.Color)	4288852131 (0xFFA2B0A3)
YUV	170.3320, -3.6147, -7.3072
Hunter-Lab	64.3245, -9.7918, 7.5267

Details

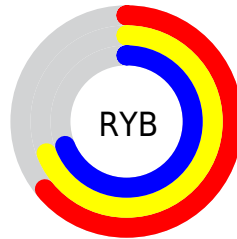
The XYZ color **37.0365, 41.3764, 40.6847** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5642, 38.1670, 45.8940**, and the grayscale version is **38.3941, 40.3936, 43.9886**.

A 20% lighter version of the original color is **70.1268, 77.5269, 77.5978**, and **16.5073, 18.8780, 17.8127** is the 20% darker color. If you saturate the color by 10%, you get **32.3375, 39.1136, 33.3085**, and if you desaturate by 10%, it is **42.4275, 43.9765, 49.0830**.

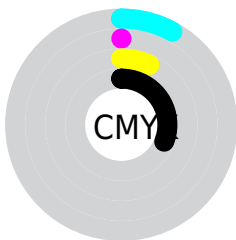
Distribution



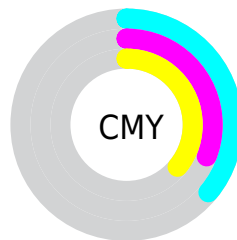
- Red (64%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0365, 41.3764, 40.6847 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 37.0365, 41.3764, 40.6847 by changing the saturation by 10% instead.

■ 37.0365, 41.3764,
40.6847

■ 37.0365, 41.3764,
40.6847

324.8213,
351.8913, 364.6386

■ 25.4096, 28.6133,
27.7550

■ 69.9424, 77.2550,
77.4535

■ 16.5128, 18.7885,
17.9036

■ 91.9520, 101.1392,
102.1296

■ 9.9809, 11.5175,
10.7121

118.1533,
129.4993, 131.5583

■ 5.4485, 6.4161,
5.7618

148.9115,
162.7197, 166.1580

■ 2.5502, 3.0997,
2.6344

184.5921,
201.1846, 206.3474

■ 0.9206, 1.1840,
0.9101

225.5604,

■ 0.0000, 0.0486,

245.2786, 252.5449

0.0000

272.1816,
295.3861, 305.1692

■ 0.0000, 0.0000,
0.0000

■ 37.0365, 41.3764,
40.6847

■ 37.0365, 41.3764,
40.6847

■ 32.3375, 39.1136,
33.3085

■ 42.4275, 43.9765,
49.0830

■ 28.2992, 37.1691,
26.9127

■ 48.5334, 46.9212,
58.5374

■ 24.8930, 35.5304,
21.4569

■ 55.3802, 50.2245,
69.0838

■ 22.0869, 34.1818,
16.8969

■ 62.9915, 53.8979,
80.7555

■ 19.8460, 33.1064,
13.1847

■ 71.3902, 57.9523,
93.5844

■ 18.1318, 32.2855,
10.2680

■ 74.8161, 59.5323,
102.1554

■ 16.9011, 31.6980,
8.0889

■ 16.1038, 31.3195,
6.5811

■ 15.6640, 31.1126,
5.6664

Harmonies

Analogous

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



38.1049, 41.3764, 38.1775



37.0365, 41.3764, 40.6847



36.5816, 41.3764, 44.4887

Triad

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



37.0365, 41.3764, 40.6847



39.1299, 41.3764, 53.5945



41.9158, 41.3764, 41.6068

Complementary

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



37.0365, 41.3764, 40.6847



38.5642, 38.1670, 45.8940

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.



42.2065, 41.3764, 45.6198



37.0365, 41.3764, 40.6847



40.5750, 41.3764, 52.7056

Square

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



37.0365, 41.3764, 40.6847



37.7710, 41.3764, 52.0802



41.7101, 41.3764, 49.7209



40.9252, 41.3764, 38.6862

Rectangle

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



37.0365, 41.3764, 40.6847



36.6789, 41.3764, 47.3116



41.7101, 41.3764, 49.7209



42.0997, 41.3764, 42.8653

Sweetspot

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



37.0376, 41.3782, 40.6856



72.8042, 77.7580, 82.5760



39.7429, 42.7831, 40.3463



15.8016, 16.8629, 17.9326



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.



37.0376, 41.3782, 40.6856



65.1729, 74.0798, 70.6603



37.6763, 41.6336, 44.0489



8.4128, 9.4996, 9.1674



11.4512, 22.8065, 4.1129



0.3684, 0.7208, 0.1720

Inverse Universe

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



38.5642, 38.1670, 45.8940



68.6611, 66.7420, 82.5614



37.9003, 37.9014, 42.3977



8.8233, 8.6360, 10.5680



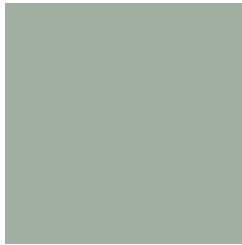
18.0249, 8.7275, 26.3547



0.5749, 0.2777, 0.8700

Previews

White Background



This preview shows how the XYZ color 37.0365, 41.3764, 40.6847 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 37.0365, 41.3764, 40.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

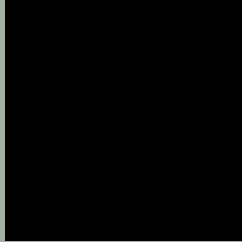
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

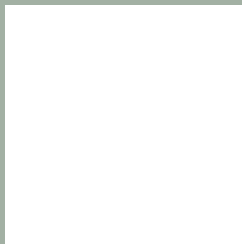
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0365, 41.3764, 40.6847

Background



This preview shows how black text looks on a background with the XYZ color 37.0365, 41.3764, 40.6847.



This preview shows how white text looks on a background with the XYZ color 37.0365, 41.3764,

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

37.0365, 41.3764, 40.6847

Protanopia

39.2682, 41.1289, 39.1267

Deuteranopia

41.9136, 41.0654, 41.3146



Tritanopia

39.5324, 41.5393, 52.3887

Trichromacy



Original Color

37.0365, 41.3764, 40.6847

Protanomaly

38.3899, 41.2310, 39.6532

Deuteranomaly

39.8980, 41.1331, 40.9586

Tritanomaly

38.6890, 41.4858, 48.0879

Monochromacy



Original Color

37.0365, 41.3764, 40.6847

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.6639, 40.5106, 42.3934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0365, 41.3764, 40.6847 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(162, 176, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 163)  
}
```

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(162, 176, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 163) }
```

Border

The CSS property to change the border of an element to XYZ 37.0365, 41.3764, 40.6847 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(162, 176, 163) }
```


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

```
.border{ border-color:rgb(162, 176, 163) }
```

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

Here you see how a box with a 4 pixel rgb(162, 176, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0365, 41.3764, 40.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 163) }
```

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

```
.background{ background-color: rgb(162,  
176, 163) }
```

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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