

Converting Colors

XYZ(37.2788, 42.2666, 41.2066)

Have a look what the booklet for
XYZ(37.2788, 42.2666, 41.2066)
contains.

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Color

**XYZ(37.3181, 42.3941,
41.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B3A4
RGB	160, 179, 164
RGB Percent	63%, 70%, 64%
CMY	0.3725, 0.2980, 0.3569
CMYK	0.11, 0.00, 0.08, 0.30
HSL	133°, 11%, 66%
HSV	133°, 11%, 70%
XYZ	37.3181, 42.3941, 41.3380
YIQ	171.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

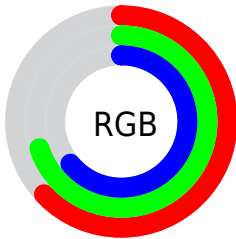
Format	Color
RYB	160, 176, 179
Decimal	10531748
CIELab	71.14, -9.49, 5.43
CIELCh	71, 10.927, 150.232
Yxy	42.3941, 0.3083, 0.3502
Android (android.graphics.Color)	4288721828 (0xFFA0B3A4)
YUV	171.6090, -3.7512, -10.1811
Hunter-Lab	65.1108, -11.6369, 7.9350

Details

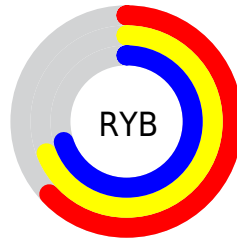
The XYZ color **37.3181, 42.3941, 41.3380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9005, 37.8214, 45.8093**, and the grayscale version is **39.0368, 41.0697, 44.7249**.

A 20% lighter version of the original color is **70.5188, 78.9782, 78.5454**, and **16.5698, 19.2797, 18.1773** is the 20% darker color. If you saturate the color by 10%, you get **32.7880, 40.1993, 34.8302**, and if you desaturate by 10%, it is **42.5077, 44.9149, 48.6188**.

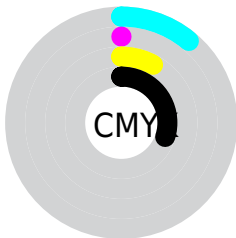
Distribution



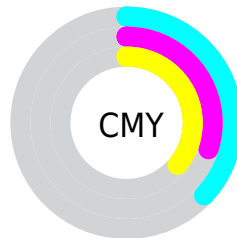
- Red (63%)
- Green (70%)
- Blue (64%)



- Red (63%)
- Yellow (69%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3181, 42.3941, 41.3380 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 37.3181, 42.3941, 41.3380 by changing the saturation by 10% instead.

■ 37.3181, 42.3941,
41.3380

■ 37.3181, 42.3941,
41.3380

326.0173,
356.1140, 367.4497

■ 25.6287, 29.4100,
28.2616

■ 70.3724, 78.7957,
78.4560

■ 16.6773, 19.3912,
18.2822

■ 92.4680, 102.9821,
103.3346

■ 10.0985, 11.9533,
10.9812

118.7631,
131.6713, 132.9844

■ 5.5271, 6.7119,
5.9402

149.6229,
165.2477, 167.8239

■ 2.5976, 3.2826,
2.7406

185.4129,
204.0958, 208.2716

■ 0.9447, 1.2810,
0.9637

226.4984,

■ 0.0000, 0.1264,

248.6000, 254.7462

0.0000

273.2448,
299.1446, 307.6660

0.0000, 0.0000,
0.0000

37.3181, 42.3941,
41.3380

37.3181, 42.3941,
41.3380

32.7880, 40.1993,
34.8302

42.5077, 44.9149,
48.6188

28.8873, 38.3120,
29.0672

48.3782, 47.7686,
56.6940

25.5889, 36.7198,
24.0234

54.9546, 50.9688,
65.5876

22.8621, 35.4076,
19.6702

62.2593, 54.5266,
75.3217

20.6738, 34.3589,
15.9777

70.3139, 58.4527,
85.9177

■ 18.9870, 33.5555,
12.9133

■ 74.4276, 60.3285,
97.1757

■ 17.7602, 32.9765,
10.4418

■ 75.4109, 60.7218,
102.3536

■ 16.9448, 32.5977,
8.5245

■ 16.4657, 32.3797,
7.1892

Harmonies

Analogous

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



38.5494, 42.3941, 37.9936



37.3181, 42.3941, 41.3380



36.8790, 42.3941, 46.2008

Triad

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



37.3181, 42.3941, 41.3380



40.3086, 42.3941, 56.9817



43.4097, 42.3941, 41.2723

Complementary

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



37.3181, 42.3941, 41.3380



38.9005, 37.8214, 45.8093

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.



43.9143, 42.3941, 46.1191



37.3181, 42.3941, 41.3380



42.0911, 42.3941, 55.4199

Square

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



37.3181, 42.3941, 41.3380



38.5734, 42.3941, 55.4661



43.4247, 42.3941, 51.3430



42.0656, 42.3941, 37.9577

Rectangle

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



37.3181, 42.3941, 41.3380



37.0839, 42.3941, 49.7314



43.4247, 42.3941, 51.3430



43.6849, 42.3941, 42.7638

Sweetspot

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



37.3193, 42.3959, 41.3389



73.7533, 79.2846, 83.7670



40.1911, 43.9175, 39.6167



16.1703, 17.4831, 18.3215



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.3193, 42.3959, 41.3389



64.6103, 74.8473, 70.8673



38.1905, 42.7444, 45.9268



8.4598, 9.5184, 9.4147



11.6548, 22.8879, 5.1850



0.3878, 0.7286, 0.2743

Inverse Universe

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



38.9005, 37.8214, 45.8093



68.0744, 64.8251, 80.6600



38.0179, 37.4684, 41.1615



8.7719, 8.6155, 10.2971



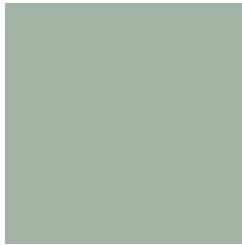
16.5752, 8.1476, 18.7209



0.5408, 0.2641, 0.6905

Previews

White Background



This preview shows how the XYZ color 37.3181, 42.3941, 41.3380 looks on a white background.

Color Contrast Check

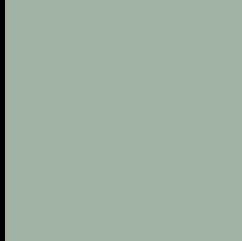
Large Text (above 18pt) WCAG AA × Fail

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 37.3181, 42.3941, 41.3380 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

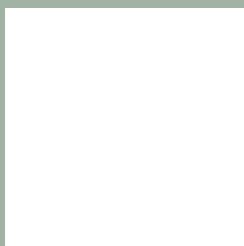
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3181, 42.3941, 41.3380

Background



This preview shows how black text looks on a background with the XYZ color 37.3181, 42.3941, 41.3380.



This preview shows how white text looks on a background with the XYZ color 37.3181, 42.3941,

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

37.3181, 42.3941, 41.3380

Protanopia

40.1990, 42.1636, 39.7379

Deuteranopia

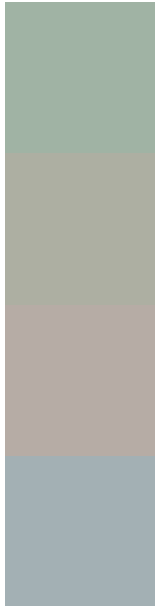
43.1337, 42.2278, 41.9538



Tritanopia

39.8251, 42.2266, 54.1956

Trichromacy



Original Color

37.3181, 42.3941, 41.3380

Protanomaly

39.0851, 42.1528, 40.2587

Deuteranomaly

40.8355, 42.1667, 41.5840

Tritanomaly

38.8678, 42.1325, 49.2638

Monochromacy



Original Color

37.3181, 42.3941, 41.3380

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6399, 41.8493, 43.5773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3181, 42.3941, 41.3380 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(160, 179, 164)` looks like.

```
.text, #text, p{  
    color:rgb(160, 179, 164)  
}
```

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(160, 179, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 179, 164) }
```

Border

The CSS property to change the border of an element to XYZ 37.3181, 42.3941, 41.3380 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(160, 179, 164) }
```


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

```
.border{ border-color:rgb(160, 179, 164) }
```

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

Here you see how a box with a 4 pixel rgb(160, 179, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 179, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 179, 164);  
box-shadow:4px 4px 4px 4px rgb(160, 179,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3181, 42.3941, 41.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 179, 164) }
```

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

```
.background{ background-color: rgb(160,  
179, 164) }
```

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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