

Converting Colors

XYZ(33.0121, 37.2956, 41.0562)

Have a look what the booklet for
XYZ(33.0121, 37.2956, 41.0562)
contains.

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Color

**XYZ(33.0121, 37.2956,
41.0562)**

Conversions

Conversions Part 1

Format	Color
Hex	93A9A5
RGB	147, 169, 165
RGB Percent	58%, 66%, 65%
CMY	0.4235, 0.3372, 0.3529
CMYK	0.13, 0.00, 0.02, 0.34
HSL	169°, 11%, 62%
HSV	169°, 13%, 66%
XYZ	33.0121, 37.2956, 41.0562
YIQ	161.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

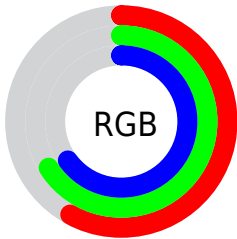
Format	Color
RYB	147, 159, 169
Decimal	9677221
CIELab	67.50, -8.44, -0.53
CIELCh	67, 8.458, 183.573
Yxy	37.2956, 0.2964, 0.3349
Android (android.graphics.Color)	4287867301 (0xFF93A9A5)
YUV	161.9660, 1.4958, -13.1252
Hunter-Lab	61.0701, -10.3827, 2.8896

Details

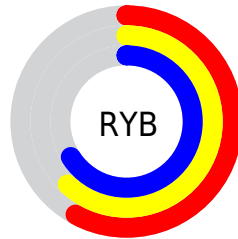
The XYZ color **33.0121, 37.2956, 41.0562** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3831, 31.5377, 33.6603**, and the grayscale version is **34.3248, 36.1123, 39.3263**.

A 20% lighter version of the original color is **63.6613, 70.8961, 78.0392**, and **14.1658, 16.4016, 18.0420** is the 20% darker color. If you saturate the color by 10%, you get **29.9252, 35.7372, 39.4691**, and if you desaturate by 10%, it is **36.5531, 39.0894, 42.7012**.

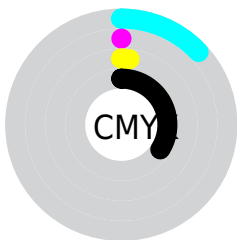
Distribution



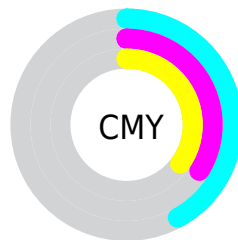
- Red (58%)
- Green (66%)
- Blue (65%)



- Red (58%)
- Yellow (62%)
- Blue (66%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0121, 37.2956, 41.0562 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 33.0121, 37.2956, 41.0562 by changing the saturation by 10% instead.

■ 33.0121, 37.2956,
41.0562

■ 33.0121, 37.2956,
41.0562

307.3683,
334.5885, 366.2390

■ 22.2950, 25.4364,
28.0430

■ 63.7490, 71.0272,
78.0238

■ 14.1916, 16.4025,
18.1187

■ 84.4994, 93.6684,
102.8152

■ 8.3367, 9.8094,
10.8649

109.3251,
120.6724, 132.3698

■ 4.3647, 5.2728,
5.8631

138.5913,
152.4237, 167.1061

■ 1.9105, 2.4082,
2.6946

172.6633,
189.3065, 207.4427

■ 0.5829, 0.8301,
0.9407

211.9066,

■ 0.0000, 0.0000,

231.7053, 253.7980

0.0000

256.6865,
280.0045, 306.5906

■ 33.0121, 37.2956,
41.0562

■ 33.0121, 37.2956,
41.0562

■ 29.9252, 35.7372,
39.4691

■ 36.5531, 39.0894,
42.7012

■ 27.2698, 34.3995,
37.9364

■ 40.5633, 41.1232,
44.4027

■ 25.0262, 33.2732,
36.4575

■ 45.0609, 43.4075,
46.1627

■ 23.1718, 32.3469,
35.0313

■ 50.0621, 45.9506,
47.9820

■ 21.6820, 31.6078,
33.6562

■ 55.5826, 48.7606,
49.8617

■ 20.5290, 31.0416,
32.3308

■ 61.6372, 51.8452,
51.8027

■ 19.6813, 30.6320,
31.0533

■ 64.3472, 53.2047,
53.6238

■ 19.1012, 30.3595,
29.8217

■ 64.6788, 53.3374,
55.3702

■ 18.7950, 30.2199,
28.9861

■ 65.0176, 53.4729,
57.1540

Harmonies

Analogous

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



33.2571, 37.2956, 37.5056



33.0121, 37.2956, 41.0562



33.4066, 37.2956, 44.6965

Triad

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



33.0121, 37.2956, 41.0562



36.8484, 37.2956, 46.8687



36.5723, 37.2956, 34.5304

Complementary

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



33.0121, 37.2956, 41.0562



32.3831, 31.5377, 33.6603

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.



37.5716, 37.2956, 36.7778



33.0121, 37.2956, 41.0562



37.7338, 37.2956, 43.8781

Square

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



33.0121, 37.2956, 41.0562



35.6043, 37.2956, 48.1791



38.0016, 37.2956, 40.1642



35.2928, 37.2956, 33.8758

Rectangle

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



33.0121, 37.2956, 41.0562



33.9850, 37.2956, 46.6440



38.0016, 37.2956, 40.1642



36.9532, 37.2956, 35.1176

Sweetspot

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



33.0132, 37.2972, 41.0570



64.7550, 69.6455, 76.1569



32.2242, 37.0666, 33.0604



14.0083, 15.1262, 16.5515



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.0132, 37.2972, 41.0570



57.2276, 65.8362, 72.5871



32.1214, 34.9213, 42.5855



7.6881, 8.5083, 9.3438



14.0251, 22.5288, 21.6970



0.3560, 0.5540, 0.6058

Inverse Universe

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



32.3831, 31.5377, 33.6603



55.8478, 53.2195, 56.3857



33.1800, 33.6429, 32.3492



7.5848, 7.5638, 8.1307



12.3914, 6.3653, 1.6066



0.3170, 0.1611, 0.1209

Previews

White Background



This preview shows how the XYZ color 33.0121, 37.2956, 41.0562 looks on a white background.

Color Contrast Check

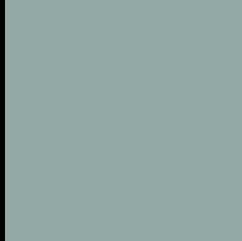
Large Text (above 18pt) WCAG AA × Fail

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 33.0121, 37.2956, 41.0562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

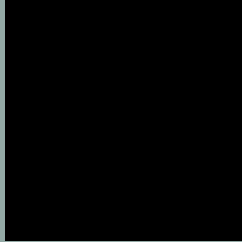
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0121, 37.2956, 41.0562

Background



This preview shows how black text looks on a background with the XYZ color 33.0121, 37.2956, 41.0562.

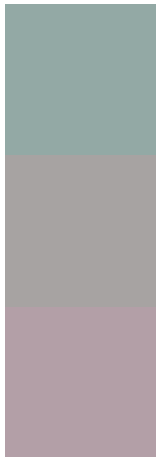


This preview shows how white text looks on a background with the XYZ color 33.0121, 37.2956,

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

33.0121, 37.2956, 41.0562

Protanopia

35.5551, 37.0185, 39.4537

Deuteranopia

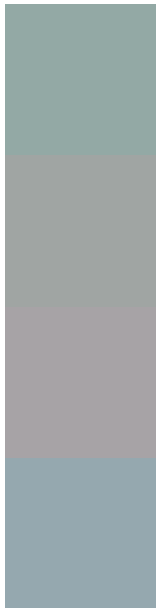
37.9636, 37.1700, 41.7328



Tritanopia

34.6346, 37.4168, 48.5767

Trichromacy



Original Color

33.0121, 37.2956, 41.0562

Protanomaly

34.5632, 37.0282, 39.9758

Deuteranomaly

35.9165, 37.1630, 41.3566

Tritanomaly

34.1349, 37.4900, 45.9946

Monochromacy



Original Color

33.0121, 37.2956, 41.0562

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.9706, 36.7227, 39.9481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0121, 37.2956, 41.0562 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(147, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(147, 169, 165)  
}
```

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(147, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 169, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.0121, 37.2956, 41.0562 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(147, 169, 165) }
```


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

```
.border{ border-color:rgb(147, 169, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 169, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(147, 169,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0121, 37.2956, 41.0562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 169, 165) }
```

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

```
.background{ background-color: rgb(147,  
169, 165) }
```

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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