

Converting Colors

XYZ(34.6724, 36.9950, 41.4915)

Have a look what the booklet for
XYZ(34.6724, 36.9950, 41.4915)
contains.

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Color

**XYZ(34.6361, 37.0344,
41.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA5A6
RGB	159, 165, 166
RGB Percent	62%, 65%, 65%
CMY	0.3765, 0.3529, 0.3490
CMYK	0.04, 0.01, 0.00, 0.35
HSL	189°, 4%, 64%
HSV	189°, 4%, 65%
XYZ	34.6361, 37.0344, 41.3992
YIQ	163.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

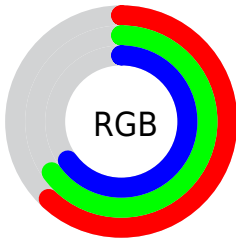
Format	Color
RYB	159, 162, 166
Decimal	10462630
CIELab	67.30, -1.93, -1.27
CIELCh	67, 2.306, 213.273
Yxy	37.0344, 0.3063, 0.3275
Android (android.graphics.Color)	4288652710 (0xFF9FA5A6)
YUV	163.3200, 1.3212, -3.7886
Hunter-Lab	60.8559, -4.9046, 2.2652

Details

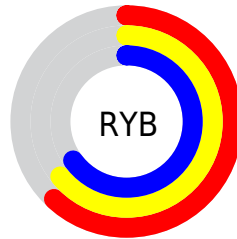
The XYZ color **34.6361, 37.0344, 41.3992** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5546, 35.7512, 37.8807**, and the grayscale version is **34.9601, 36.7808, 40.0543**.

A 20% lighter version of the original color is **66.3759, 70.7030, 78.5553**, and **15.1267, 16.2133, 18.2518** is the 20% darker color. If you saturate the color by 10%, you get **31.1406, 34.6062, 41.1153**, and if you desaturate by 10%, it is **38.5837, 39.7095, 41.7080**.

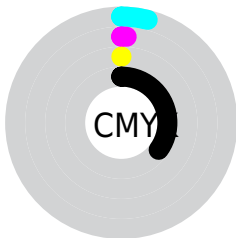
Distribution



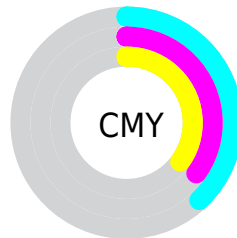
- Red (62%)
- Green (65%)
- Blue (65%)



- Red (62%)
- Yellow (64%)
- Blue (65%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6361, 37.0344, 41.3992 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 34.6361, 37.0344, 41.3992 by changing the saturation by 10% instead.

■ 34.6361, 37.0344,
41.3992

■ 34.6361, 37.0344,
41.3992

314.4954,
333.4594, 367.7122

■ 23.5479, 25.2341,
28.3091

■ 66.2594, 70.6257,
78.5498

■ 15.1215, 16.2516,
18.3177

■ 87.5252, 93.1855,
103.4473

■ 8.9916, 9.7023,
11.0065

112.9142,
120.1006, 133.1177

■ 4.7928, 5.2021,
5.9570

142.7918,
151.7554, 167.9796

■ 2.1597, 2.3663,
2.7506

177.5234,
188.5343, 208.4515

■ 0.7214, 0.8085,
0.9687

217.4743,

■ 0.0000, 0.0000,

230.8217, 254.9518

0.0000

263.0098,
279.0019, 307.8992

■ 34.6361, 37.0344,
41.3992

■ 34.6361, 37.0344,
41.3992

■ 31.1406, 34.6062,
41.1153

■ 38.5837, 39.7095,
41.7080

■ 28.0765, 32.4109,
40.8531

■ 42.9969, 42.6353,
42.0402

■ 25.4261, 30.4406,
40.6125

■ 47.8923, 45.8215,
42.3972

■ 23.1695, 28.6847,
40.3925

■ 53.2850, 49.2760,
42.7797

■ 21.2847, 27.1320,
40.1921

■ 59.1892, 53.0061,
43.1885

■ 19.7479, 25.7701,
40.0102

■ 64.2812, 56.3296,
43.5616

■ 18.5322, 24.5850,
39.8456

■ 64.7598, 57.2868,
43.7212

■ 17.6069, 23.5609,
39.6967

■ 65.2466, 58.2603,
43.8834

■ 16.9349, 22.6786,
39.5618

■ 65.7416, 59.2503,
44.0484

Harmonies

Analogous

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



34.5273, 37.0344, 40.4352



34.6361, 37.0344, 41.3992



34.8959, 37.0344, 42.0840

Triad

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



34.6361, 37.0344, 41.3992



35.8093, 37.0344, 41.2040



35.1614, 37.0344, 38.4159

Complementary

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



34.6361, 37.0344, 41.3992



34.5546, 35.7512, 37.8807

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.



35.5060, 37.0344, 38.6141



34.6361, 37.0344, 41.3992



35.8815, 37.0344, 40.2134

Square

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



34.6361, 37.0344, 41.3992



35.5735, 37.0344, 41.9700



35.7702, 37.0344, 39.2679



34.8293, 37.0344, 38.7219

Rectangle

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



34.6361, 37.0344, 41.3992



35.1207, 37.0344, 42.2840



35.7702, 37.0344, 39.2679



35.2796, 37.0344, 38.4258

Sweetspot

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



34.6372, 37.0360, 41.4000



65.0628, 68.7189, 75.3102



34.2741, 37.1796, 38.5975



14.5688, 15.3841, 16.8537



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.



34.6372, 37.0360, 41.4000



62.2742, 66.8121, 75.0891



34.0256, 35.8128, 41.1962



7.9653, 8.5617, 9.6511



12.9055, 17.2711, 30.6290



0.3381, 0.4683, 0.7532

Inverse Universe

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



34.9163, 35.6204, 40.6344



62.8836, 63.7308, 73.4161



35.1587, 36.9592, 38.0821



8.0509, 8.1295, 9.4159



16.0147, 7.8146, 20.6867



0.4018, 0.1950, 0.5673

Previews

White Background



This preview shows how the XYZ color 34.6361, 37.0344, 41.3992 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 34.6361, 37.0344, 41.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

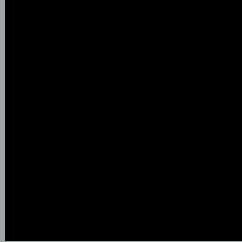
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

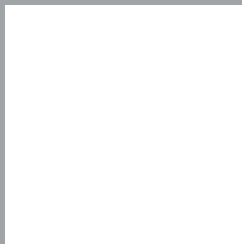
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6361, 37.0344, 41.3992

Background



This preview shows how black text looks on a background with the XYZ color 34.6361, 37.0344, 41.3992.



This preview shows how white text looks on a background with the XYZ color 34.6361, 37.0344,

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

34.6361, 37.0344, 41.3992

Protanopia

35.6146, 37.0180, 40.8654

Deuteranopia

37.7333, 37.0513, 41.7221



Tritanopia

35.6316, 36.9060, 46.3199

Trichromacy



Original Color

34.6361, 37.0344, 41.3992

Protanomaly

35.1712, 37.0541, 40.8957

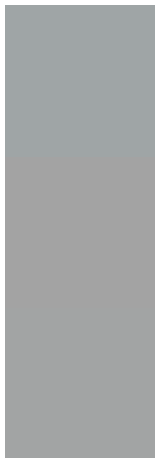
Deuteranomaly

36.5145, 36.9377, 41.7644

Tritanomaly

35.2191, 37.0031, 44.3158

Monochromacy



Original Color

34.6361, 37.0344, 41.3992

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8766, 36.9126, 40.4086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6361, 37.0344, 41.3992 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(159, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 165, 166)  
}
```

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(159, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 165, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.6361, 37.0344, 41.3992 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(159, 165, 166) }
```


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

```
.border{ border-color:rgb(159, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 165,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6361, 37.0344, 41.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 165, 166) }
```

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

```
.background{ background-color: rgb(159,  
165, 166) }
```

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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