

Converting Colors

XYZ(35.6592, 37.7451, 43.1028)

Have a look what the booklet for
XYZ(35.6592, 37.7451, 43.1028)
contains.

XYZ(35.6979, 37.8184, 42.9543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.6979, 37.8184,
42.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A6A9
RGB	162, 166, 169
RGB Percent	64%, 65%, 66%
CMY	0.3647, 0.3490, 0.3373
CMYK	0.04, 0.02, 0.00, 0.34
HSL	206°, 4%, 65%
HSV	206°, 4%, 66%
XYZ	35.6979, 37.8184, 42.9543
YIQ	165.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

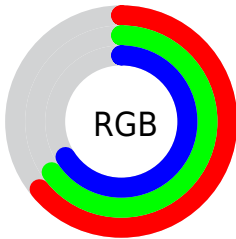
Format	Color
RYB	162, 165, 169
Decimal	10659497
CIELab	67.89, -0.83, -2.05
CIElCh	68, 2.213, 247.933
Yxy	37.8184, 0.3065, 0.3247
Android (android.graphics.Color)	4288849577 (0xFFA2A6A9)
YUV	165.1460, 1.9000, -2.7590
Hunter-Lab	61.4967, -4.0026, 1.6347

Details

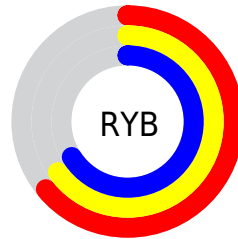
The XYZ color **35.6979, 37.8184, 42.9543** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3389, 37.9534, 39.5933**, and the grayscale version is **35.8274, 37.6932, 41.0479**.

A 20% lighter version of the original color is **67.9263, 71.8464, 80.8087**, and **15.6586, 16.6340, 19.2150** is the 20% darker color. If you saturate the color by 10%, you get **31.2147, 33.6102, 42.3789**, and if you desaturate by 10%, it is **40.7187, 42.4157, 43.5776**.

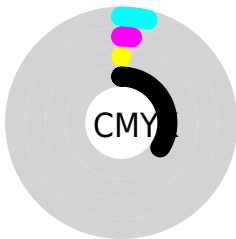
Distribution



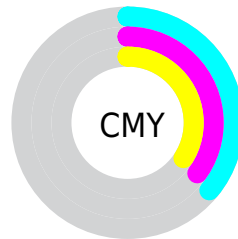
- Red (64%)
- Green (65%)
- Blue (66%)



- Red (64%)
- Yellow (65%)
- Blue (66%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6979, 37.8184, 42.9543 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 35.6979, 37.8184, 42.9543 by changing the saturation by 10% instead.

■ 35.6979, 37.8184,
42.9543

■ 35.6979, 37.8184,
42.9543

319.0925,
336.8403, 374.3395

■ 24.3700, 25.8418,
29.5181

■ 67.8925, 71.8297,
80.9275

■ 15.7345, 16.7053,
19.2242

■ 89.4898, 94.6332,
106.3016

■ 9.4261, 10.0246,
11.6539

115.2410,
121.8144, 136.4921

■ 5.0795, 5.4153,
6.3888

145.5115,
153.7577, 171.9176

■ 2.3292, 2.4929,
3.0103

180.6665,
190.8476, 212.9965

■ 0.8096, 0.8731,
1.0999

221.0714,

■ 0.0000, 0.0000,

233.4684, 260.1474

0.0000

267.0916,
282.0045, 313.7889

■ 35.6979, 37.8184,
42.9543

■ 35.6979, 37.8184,
42.9543

■ 31.2147, 33.6102,
42.3789

■ 40.7187, 42.4157,
43.5776

■ 27.2464, 29.7745,
41.8477

■ 46.2922, 47.4085,
44.2476

■ 23.7733, 26.3003,
41.3601

■ 52.4371, 52.8093,
44.9661

■ 20.7732, 23.1743,
40.9149

■ 59.1701, 58.6281,
45.7344

■ 18.2221, 20.3822,
40.5104

■ 66.5071, 64.8750,
46.5535

■ 16.0937, 17.9085,
40.1451

■ 71.3047, 69.9310,
47.2765

■ 14.3586, 15.7359,
39.8172

■ 73.1253, 73.5721,
47.8834

■ 12.9833, 13.8451,
39.5247

■ 75.0275, 77.3766,
48.5175

■ 11.9278, 12.2131,
39.2654

■ 77.0125, 81.3466,
49.1791

Harmonies

Analogous

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



35.4273, 37.8184, 42.3506



35.6979, 37.8184, 42.9543



36.0364, 37.8184, 43.0782

Triad

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



35.6979, 37.8184, 42.9543



36.6028, 37.8184, 40.9175



35.5411, 37.8184, 39.7050

Complementary

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



35.6979, 37.8184, 42.9543



36.3389, 37.9534, 39.5933

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.



35.8542, 37.8184, 39.3341



35.6979, 37.8184, 42.9543



36.4683, 37.8184, 40.0268

Square

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



35.6979, 37.8184, 42.9543



36.5603, 37.8184, 41.8919



36.1937, 37.8184, 39.4510



35.3371, 37.8184, 40.4718

Rectangle

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



35.6979, 37.8184, 42.9543



36.2553, 37.8184, 42.8703



36.1937, 37.8184, 39.4510



35.6370, 37.8184, 39.5305

Sweetspot

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



35.6990, 37.8200, 42.9551



66.6380, 70.2287, 77.2684



35.8727, 38.7715, 41.1510



14.5352, 15.3170, 16.8425



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.



35.6990, 37.8200, 42.9551



63.1325, 66.9889, 76.8278



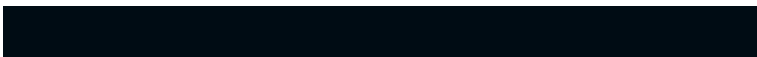
35.0855, 36.5931, 42.7506



7.8554, 8.3419, 9.6145



8.5527, 8.5656, 29.1780



0.2573, 0.3069, 0.7263

Inverse Universe

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



36.1662, 37.0295, 41.3196



64.1565, 65.2680, 73.2410



36.9640, 39.2036, 39.8017



7.9954, 8.1073, 9.1238



13.8176, 6.9358, 9.1170



0.3610, 0.1787, 0.3527

Previews

White Background



This preview shows how the XYZ color 35.6979, 37.8184, 42.9543 looks on a white background.

Color Contrast Check

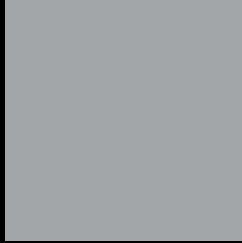
Large Text (above 18pt) WCAG AA × Fail

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 35.6979, 37.8184, 42.9543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

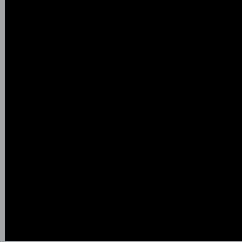
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6979, 37.8184, 42.9543

Background



This preview shows how black text looks on a background with the XYZ color 35.6979, 37.8184, 42.9543.



This preview shows how white text looks on a background with the XYZ color 35.6979, 37.8184,

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

35.6979, 37.8184, 42.9543

Protanopia

36.2797, 37.5936, 42.3899

Deuteranopia

38.4169, 37.6276, 43.2683



Tritanopia

36.5953, 37.9111, 47.5083

Trichromacy



Original Color

35.6979, 37.8184, 42.9543

Protanomaly

36.0401, 37.7368, 42.4302

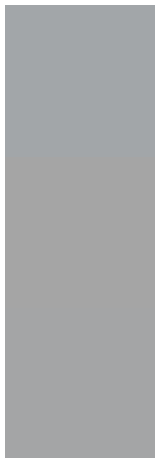
Deuteranomaly

37.4096, 37.6272, 43.3213

Tritanomaly

36.2973, 37.7919, 45.9389

Monochromacy



Original Color

35.6979, 37.8184, 42.9543

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6479, 37.5560, 41.4466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6979, 37.8184, 42.9543 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, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 169)  
}
```

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, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.6979, 37.8184, 42.9543 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, 166, 169) }
```


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

```
.border{ border-color:rgb(162, 166, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6979, 37.8184, 42.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 169) }
```

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

```
.background{ background-color: rgb(162,  
166, 169) }
```

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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