

Converting Colors

XYZ(35.2806, 37.1180, 40.4215)

Have a look what the booklet for
XYZ(35.2806, 37.1180, 40.4215)
contains.

XYZ(35.2861, 37.1238, 40.4278)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(35.2861, 37.1238,
40.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A4A4
RGB	164, 164, 164
RGB Percent	64%, 64%, 64%
CMY	0.3569, 0.3568, 0.3569
CMYK	0.00, 0.00, 0.00, 0.36
HSL	128°, 0%, 64%
HSV	128°, 0%, 64%
XYZ	35.2861, 37.1238, 40.4278
YIQ	164.0000, 0.0000, -0.0000

Conversions

Conversions Part 2

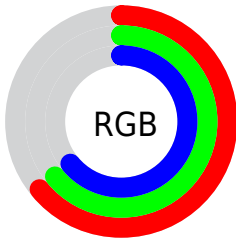
Format	Color
RYB	164, 164, 164
Decimal	10790052
CIELab	67.37, 0.00, -0.01
CIELCh	67, 0.008, 295.368
Yxy	37.1238, 0.3127, 0.3290
Android (android.graphics.Color)	4288980132 (0xFFA4A4A4)
YUV	164.0000, 0.0000, 0.0000
Hunter-Lab	60.9293, -3.2512, 3.3104

Details

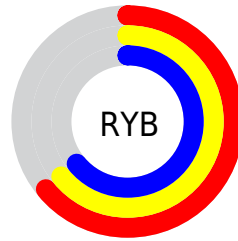
The XYZ color **35.2861, 37.1238, 40.4278** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2875, 37.1246, 40.4296**, and the grayscale version is **35.2875, 37.1252, 40.4293**.

A 20% lighter version of the original color is **67.3311, 70.8376, 77.1421**, and **15.4009, 16.2029, 17.6450** is the 20% darker color. If you saturate the color by 10%, you get **30.9071, 35.0072, 33.9050**, and if you desaturate by 10%, it is **40.2467, 39.5258, 47.7252**.

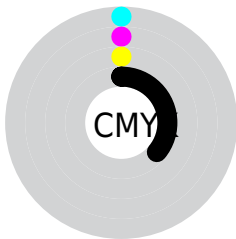
Distribution



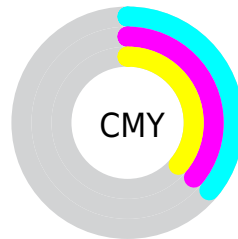
- Red (64%)
- Green (64%)
- Blue (64%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2861, 37.1238, 40.4278 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 35.2861, 37.1238, 40.4278 by changing the saturation by 10% instead.

■ 35.2861, 37.1238,
40.4278

■ 35.2861, 37.1238,
40.4278

317.3153,
333.8462, 363.5290

■ 24.0509, 25.3034,
27.5559

■ 67.2599, 70.7631,
77.0587

■ 15.4963, 16.3032,
17.7551

■ 88.7291, 93.3508,
101.6548

■ 9.2570, 9.7390,
10.6067

114.3404,
120.2964, 130.9961

■ 4.9677, 5.2262,
5.6922

144.4591,
151.9843, 165.5011

■ 2.2629, 2.3806,
2.5931

179.4506,
188.7988, 205.5884

■ 0.7756, 0.8159,
0.8889

219.6803,

■ 0.0000, 0.0000,

231.1243, 251.6764

0.0000

265.5134,
279.3453, 304.1837

■ 35.2861, 37.1238,
40.4278

■ 35.2861, 37.1238,
40.4278

■ 30.9071, 35.0072,
33.9050

■ 40.2467, 39.5258,
47.7252

■ 27.0851, 33.1608,
28.1290

■ 45.8057, 42.2182,
55.8191

■ 23.7988, 31.5752,
23.0738

■ 51.9835, 45.2120,
64.7332

■ 21.0241, 30.2384,
18.7113

■ 58.7982, 48.5163,
74.4898

■ 18.7351, 29.1379,
15.0111

■ 66.2675, 52.1395,
85.1102

■ 16.9035, 28.2598,
11.9409

■ 71.6319, 54.6587,
96.4852

■ 15.4982, 27.5886,
9.4655

■ 72.5662, 55.0324,
101.4054

■ 14.4841, 27.1073,
7.5463

■ 13.8204, 26.7956,
6.1402

Harmonies

Analogous

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



35.2849, 37.1238, 40.4284



35.2861, 37.1238, 40.4278



35.2871, 37.1238, 40.4255

Triad

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



35.2861, 37.1238, 40.4278



35.2864, 37.1238, 40.4158



35.2826, 37.1238, 40.4209

Complementary

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



35.2861, 37.1238, 40.4278



35.2875, 37.1246, 40.4296

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.



35.2831, 37.1238, 40.4175



35.2861, 37.1238, 40.4278



35.2853, 37.1238, 40.4146

Square

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



35.2861, 37.1238, 40.4278



35.2873, 37.1238, 40.4185



35.2840, 37.1238, 40.4152



35.2829, 37.1238, 40.4245

Rectangle

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



35.2861, 37.1238, 40.4278



35.2874, 37.1238, 40.4233



35.2840, 37.1238, 40.4152



35.2827, 37.1238, 40.4197

Sweetspot

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



35.2872, 37.1254, 40.4286



64.0503, 67.3860, 73.3833



35.2877, 37.1257, 40.4284



14.0027, 14.7319, 16.0430



78.6606, 82.7571, 90.1225

Same Dimension

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



35.2872, 37.1254, 40.4286



64.0503, 67.3860, 73.3833



35.2873, 37.1255, 40.4294



7.9400, 8.3535, 9.0970



10.3020, 20.4072, 4.0411



0.2271, 0.4331, 0.1409

Inverse Universe

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



35.2875, 37.1246, 40.4296



64.0503, 67.3860, 73.3833



35.2873, 37.1245, 40.4288



7.9400, 8.3535, 9.0970



15.4860, 7.5505, 20.2819



0.3360, 0.1629, 0.4822

Previews

White Background



This preview shows how the XYZ color 35.2861, 37.1238, 40.4278 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 35.2861, 37.1238, 40.4278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

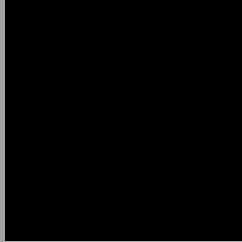
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

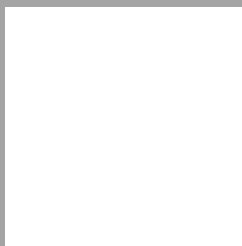
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2861, 37.1238, 40.4278

Background



This preview shows how black text looks on a background with the XYZ color 35.2861, 37.1238, 40.4278.

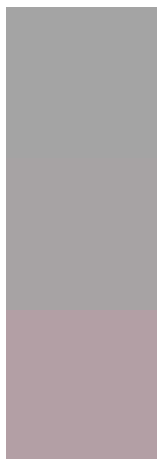


This preview shows how white text looks on a background with the XYZ color 35.2861, 37.1238,

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

35.2861, 37.1238, 40.4278

Protanopia

35.7344, 37.0902, 40.3977

Deuteranopia

37.7801, 37.0966, 40.7664



Tritanopia

36.3841, 37.0428, 45.7898

Trichromacy



Original Color

35.2861, 37.1238, 40.4278

Protanomaly

35.5239, 36.9817, 40.3878

Deuteranomaly

36.9920, 37.2050, 40.8289

Tritanomaly

35.9649, 37.1340, 43.8001

Monochromacy



Original Color

35.2861, 37.1238, 40.4278

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2861, 37.1238, 40.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2861, 37.1238, 40.4278 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(164, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 164, 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(164, 164, 164) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 35.2861, 37.1238, 40.4278 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(164, 164, 164) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 35.2861, 37.1238, 40.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(164,  
164, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor