

Converting Colors

XYZ(37.3670, 40.4171, 43.3142)

Have a look what the booklet for
XYZ(37.3670, 40.4171, 43.3142)
contains.

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Color

**XYZ(37.2238, 40.2621,
43.3456)**

Conversions

Conversions Part 1

Format	Color
Hex	A4ACA9
RGB	164, 172, 169
RGB Percent	64%, 67%, 66%
CMY	0.3569, 0.3255, 0.3372
CMYK	0.05, 0.00, 0.02, 0.33
HSL	157°, 5%, 66%
HSV	157°, 5%, 67%
XYZ	37.2238, 40.2621, 43.3456
YIQ	169.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

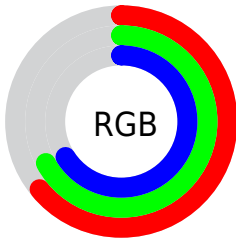
Format	Color
RYB	164, 169, 172
Decimal	10792105
CIELab	69.66, -3.39, 0.56
CIELCh	70, 3.434, 170.688
Yxy	40.2621, 0.3081, 0.3332
Android (android.graphics.Color)	4288982185 (0xFFA4ACA9)
YUV	169.2660, -0.1311, -4.6183
Hunter-Lab	63.4524, -6.3263, 3.9145

Details

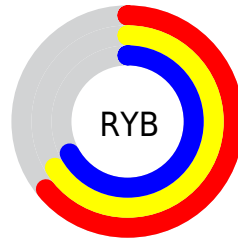
The XYZ color **37.2238, 40.2621, 43.3456** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2652, 38.1127, 41.9535**, and the grayscale version is **37.8467, 39.8176, 43.3614**.

A 20% lighter version of the original color is **70.1370, 75.3801, 81.3742**, and **16.6094, 18.1620, 19.4598** is the 20% darker color. If you saturate the color by 10%, you get **33.3206, 38.3194, 40.0784**, and if you desaturate by 10%, it is **41.6393, 42.4678, 46.7946**.

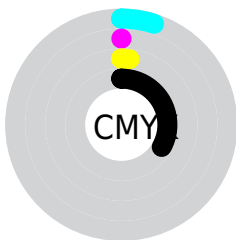
Distribution



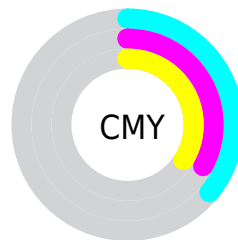
- Red (64%)
- Green (67%)
- Blue (66%)



- Red (64%)
- Yellow (66%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2238, 40.2621, 43.3456 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 37.2238, 40.2621, 43.3456 by changing the saturation by 10% instead.

■ 37.2238, 40.2621,
43.3456

■ 37.2238, 40.2621,
43.3456

325.6172,
347.2270, 375.9940

■ 25.5553, 27.7430,
29.8230

■ 70.2285, 75.5625,
81.5241

■ 16.6222, 18.1320,
19.4533

■ 92.2953, 99.1125,
107.0170

■ 10.0591, 11.0448,
11.8182

118.5590,
127.1082, 137.3371

■ 5.5007, 6.0970,
6.4990

149.3848,
159.9341, 172.9029

■ 2.5817, 2.9041,
3.0771

185.1382,
197.9746, 214.1329

■ 0.9366, 1.0819,
1.1342

226.1845,

■ 0.0000, 0.0000,

241.6139, 261.4458

0.0000

272.8890,
291.2366, 315.2600

■ 37.2238, 40.2621,
43.3456

■ 37.2238, 40.2621,
43.3456

■ 33.3206, 38.3194,
40.0784

■ 41.6393, 42.4678,
46.7946

■ 29.9067, 36.6243,
36.9871

■ 46.5822, 44.9407,
50.4258

■ 26.9625, 35.1680,
34.0695

■ 52.0711, 47.6915,
54.2430

■ 24.4654, 33.9390,
31.3221

■ 58.1228, 50.7288,
58.2491

■ 22.3913, 32.9247,
28.7415

■ 64.7532, 54.0609,
62.4468

■ 20.7134, 32.1115,
26.3239

■ 67.3444, 55.3070,
66.6222

■ 19.4019, 31.4840,
24.0654

■ 68.1535, 55.6306,
70.8828

■ 18.4223, 31.0245,
21.9618

■ 68.9953, 55.9673,
75.3154

■ 17.7331, 30.7118,
20.0086

■ 69.8701, 56.3173,
79.9221

Harmonies

Analogous

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



37.4477, 40.2621, 41.9295



37.2238, 40.2621, 43.3456



37.2776, 40.2621, 44.9279

Triad

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



37.2238, 40.2621, 43.3456



38.6464, 40.2621, 46.7623



38.9484, 40.2621, 41.5147

Complementary

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



37.2238, 40.2621, 43.3456



37.2652, 38.1127, 41.9535

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.



39.2756, 40.2621, 42.7670



37.2238, 40.2621, 43.3456



39.1001, 40.2621, 45.8048

Square

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



37.2238, 40.2621, 43.3456



38.0954, 40.2621, 46.9263



39.3314, 40.2621, 44.3353



38.4410, 40.2621, 40.8894

Rectangle

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



37.2238, 40.2621, 43.3456



37.4639, 40.2621, 45.8627



39.3314, 40.2621, 44.3353



39.0833, 40.2621, 41.8749

Sweetspot

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



37.2249, 40.2638, 43.3465



70.3300, 74.4387, 80.8685



37.4052, 40.4099, 40.9510



15.2940, 16.1820, 17.5822



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.2249, 40.2638, 43.3465



66.4410, 72.4988, 77.7503



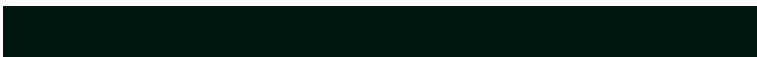
37.3331, 40.0237, 44.7894



8.3626, 9.1477, 9.7995



12.9987, 22.7647, 14.2986



0.3870, 0.6434, 0.5314

Inverse Universe

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



37.2652, 38.1127, 41.9535



66.5361, 67.4253, 74.4650



37.1585, 38.3383, 40.5642



8.3754, 8.4651, 9.3575



13.3855, 6.8168, 4.4096



0.3994, 0.2004, 0.2649

Previews

White Background



This preview shows how the XYZ color 37.2238, 40.2621, 43.3456 looks on a white background.

Color Contrast Check

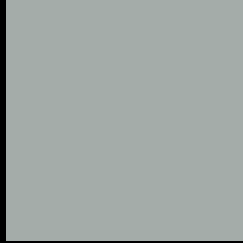
Large Text (above 18pt) WCAG AA × Fail

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 37.2238, 40.2621, 43.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

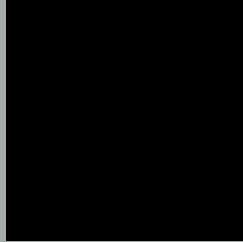
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

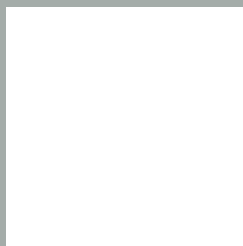
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2238, 40.2621, 43.3456

Background



This preview shows how black text looks on a background with the XYZ color 37.2238, 40.2621, 43.3456.



This preview shows how white text looks on a background with the XYZ color 37.2238, 40.2621,

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

37.2238, 40.2621, 43.3456

Protanopia

38.6186, 40.1646, 42.2763

Deuteranopia

40.9605, 40.2516, 43.6407



Tritanopia

38.6479, 40.2753, 50.5367

Trichromacy



Original Color

37.2238, 40.2621, 43.3456

Protanomaly

38.0202, 40.1227, 42.7864

Deuteranomaly

39.6184, 40.3725, 43.7348

Tritanomaly

38.1158, 40.3395, 47.8969

Monochromacy



Original Color

37.2238, 40.2621, 43.3456

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4725, 39.8295, 43.2490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2238, 40.2621, 43.3456 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, 172, 169)` looks like.

```
.text, #text, p{  
    color:rgb(164, 172, 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(164, 172, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 172, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.2238, 40.2621, 43.3456 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, 172, 169) }
```


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

```
.border{ border-color:rgb(164, 172, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 172, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 172, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 172, 169);  
box-shadow:4px 4px 4px 4px rgb(164, 172,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2238, 40.2621, 43.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 172, 169) }
```

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

```
.background{ background-color: rgb(164,  
172, 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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