

Converting Colors

XYZ(35.0760, 35.1609, 39.3707)

Have a look what the booklet for
XYZ(35.0760, 35.1609, 39.3707)
contains.

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Color

**XYZ(35.2454, 35.3043,
39.6071)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9DA3
RGB	170, 157, 163
RGB Percent	67%, 62%, 64%
CMY	0.3333, 0.3843, 0.3608
CMYK	0.00, 0.08, 0.04, 0.33
HSL	332°, 7%, 64%
HSV	332°, 8%, 67%
XYZ	35.2454, 35.3043, 39.6071
YIQ	161.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

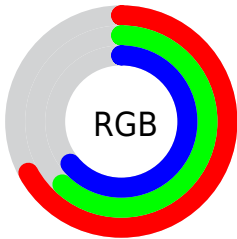
Format	Color
RYB	170, 157, 163
Decimal	11181475
CIELab	65.98, 5.83, -1.42
CIELCh	66, 6.004, 346.360
Yxy	35.3043, 0.3200, 0.3205
Android (android.graphics.Color)	4289371555 (0xFFAA9DA3)
YUV	161.5710, 0.7045, 7.3922
Hunter-Lab	59.4174, 1.9027, 2.0700

Details

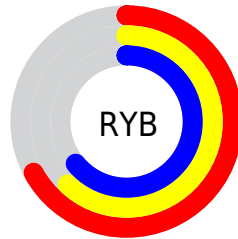
The XYZ color **35.2454, 35.3043, 39.6071** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9815, 38.5989, 40.7305**, and the grayscale version is **34.1378, 35.9157, 39.1122**.

A 20% lighter version of the original color is **67.2497, 68.1565, 75.9407**, and **15.4945, 15.3073, 17.1769** is the 20% darker color. If you saturate the color by 10%, you get **31.7763, 29.6314, 34.5489**, and if you desaturate by 10%, it is **39.1761, 41.8044, 45.1131**.

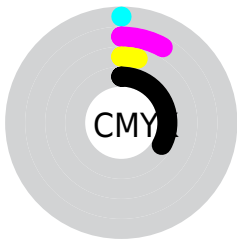
Distribution



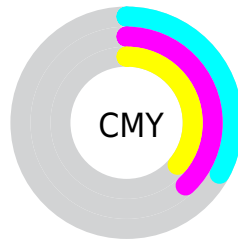
- Red (67%)
- Green (62%)
- Blue (64%)



- Red (67%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (33%)





- Cyan (33%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2454, 35.3043, 39.6071 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 35.2454, 35.3043, 39.6071 by changing the saturation by 10% instead.


 35.2454, 35.3043,
39.6071


 35.2454, 35.3043,
39.6071

317.1393,
325.9095, 359.9675

 24.0194, 23.8974,
26.9209

 67.1973, 67.9569,
75.7954

 15.4728, 15.2575,
17.2819

 88.6538, 89.9714,
100.1345

 9.2403, 9.0003,
10.2716

114.2513,
116.2905, 129.1951

 4.9566, 4.7414,
5.4715

144.3550,
147.2986, 163.3955

 2.2563, 2.0963,
2.4629

179.3303,
183.3802, 203.1545

 0.7722, 0.6626,
0.8204

219.5425,

 0.0000, 0.0000,

224.9196, 248.8904

0.0000

265.3570,
272.3012, 301.0219

■ 35.2454, 35.3043,
39.6071

■ 35.2454, 35.3043,
39.6071

■ 31.7763, 29.6314,
34.5489

■ 39.1761, 41.8044,
45.1131

■ 28.7481, 24.7478,
29.9242

■ 43.5822, 49.1587,
51.0762

■ 26.1430, 20.6193,
25.7210

■ 48.4804, 57.3983,
57.5082

■ 23.9408, 17.2076,
21.9261

■ 53.8857, 66.5516,
64.4197

■ 22.1193, 14.4709,
18.5253

■ 59.8128, 76.6457,
71.8211

■ 20.6544, 12.3630,
15.5033

■ 64.9844, 85.1248,
79.2921

■ 19.5188, 10.8317,
12.8436

■ 66.2158, 85.6174,
85.7761

■ 18.6810, 9.8166,
10.5281

■ 67.5143, 86.1368,
92.6142

■ 18.0914, 9.2211,
8.5320

■ 68.8811, 86.6835,
99.8117

Harmonies

Analogous

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



34.8087, 35.3043, 41.9209



35.2454, 35.3043, 39.6071



35.2237, 35.3043, 37.0771

Triad

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



35.2454, 35.3043, 39.6071



33.0762, 35.3043, 33.9293



32.3891, 35.3043, 42.0954

Complementary

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



35.2454, 35.3043, 39.6071



34.9815, 38.5989, 40.7305

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.



31.9412, 35.3043, 39.8367



35.2454, 35.3043, 39.6071



32.3331, 35.3043, 35.1580

Square

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



35.2454, 35.3043, 39.6071



33.9606, 35.3043, 33.8740



31.9208, 35.3043, 37.2968



33.1540, 35.3043, 43.3998

Rectangle

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



35.2454, 35.3043, 39.6071



34.9520, 35.3043, 35.6089



31.9208, 35.3043, 37.2968



32.1971, 35.3043, 41.4182

Sweetspot

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



35.2464, 35.3058, 39.6079



67.8446, 70.4836, 77.3649



34.6100, 34.9033, 42.9436



15.1475, 15.7478, 17.2777



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.



35.2464, 35.3058, 39.6079



62.9414, 62.4003, 70.4185



34.7950, 35.2428, 36.8687



7.6697, 7.5977, 8.5779



13.2455, 6.7069, 6.1044



0.3483, 0.1736, 0.2855

Inverse Universe

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



35.2464, 35.3058, 39.6079



62.9414, 62.4003, 70.4185



35.4551, 38.6585, 43.6239



7.6697, 7.5977, 8.5779



13.2455, 6.7069, 6.1044



0.3483, 0.1736, 0.2855

Previews

White Background



This preview shows how the XYZ color 35.2454, 35.3043, 39.6071 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 35.2454, 35.3043, 39.6071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

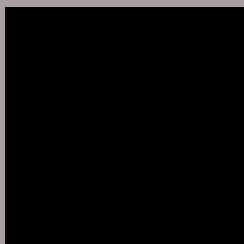
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

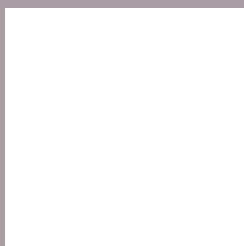
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2454, 35.3043, 39.6071

Background



This preview shows how black text looks on a background with the XYZ color 35.2454, 35.3043, 39.6071.



This preview shows how white text looks on a background with the XYZ color 35.2454, 35.3043,

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

35.2454, 35.3043, 39.6071

Protanopia

34.1719, 35.5033, 40.1737

Deuteranopia

35.7878, 35.0857, 39.5363



Tritanopia

35.7509, 35.2620, 41.9678

Trichromacy



Original Color

35.2454, 35.3043, 39.6071

Protanomaly

34.6160, 35.4759, 40.1450

Deuteranomaly

35.7329, 35.3055, 39.5816

Tritanomaly

35.5660, 35.1880, 40.9938

Monochromacy



Original Color

35.2454, 35.3043, 39.6071

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6094, 35.7496, 39.2587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2454, 35.3043, 39.6071 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(170, 157, 163)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 163)  
}
```

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(170, 157, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 163) }
```

Border

The CSS property to change the border of an element to XYZ 35.2454, 35.3043, 39.6071 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(170, 157, 163) }
```


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

```
.border{ border-color:rgb(170, 157, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 163);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2454, 35.3043, 39.6071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 163) }
```

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

```
.background{ background-color: rgb(170,  
157, 163) }
```

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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