

Converting Colors

XYZ(35.1960, 34.2697, 40.3570)

Have a look what the booklet for
XYZ(35.1960, 34.2697, 40.3570)
contains.

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Color

**XYZ(35.1960, 34.2697,
40.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	AC99A5
RGB	172, 153, 165
RGB Percent	67%, 60%, 65%
CMY	0.3255, 0.4000, 0.3529
CMYK	0.00, 0.11, 0.04, 0.33
HSL	322°, 10%, 64%
HSV	322°, 11%, 67%
XYZ	35.1960, 34.2697, 40.3570
YIQ	160.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

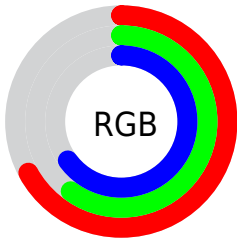
Format	Color
RYB	172, 153, 165
Decimal	11311525
CIELab	65.18, 9.15, -3.71
CIElCh	65, 9.875, 337.959
Yxy	34.2697, 0.3205, 0.3120
Android (android.graphics.Color)	4289501605 (0xFFAC99A5)
YUV	160.0490, 2.4408, 10.4810
Hunter-Lab	58.5403, 4.8734, 0.1044

Details

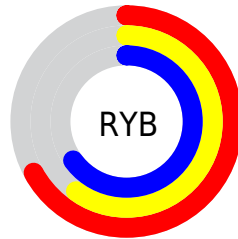
The XYZ color **35.1960, 34.2697, 40.3570** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2358, 38.8163, 38.9474**, and the grayscale version is **33.4237, 35.1643, 38.2939**.

A 20% lighter version of the original color is **66.9096, 66.1238, 76.9468**, and **15.4777, 14.6881, 17.6421** is the 20% darker color. If you saturate the color by 10%, you get **32.0189, 28.8154, 36.5222**, and if you desaturate by 10%, it is **38.8095, 40.5500, 44.4791**.

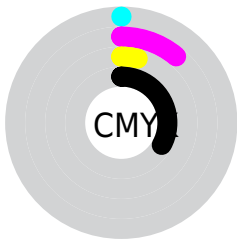
Distribution



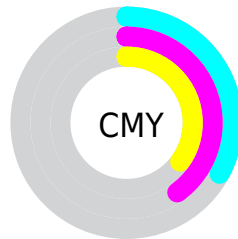
- Red (67%)
- Green (60%)
- Blue (65%)



- Red (67%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1960, 34.2697, 40.3570 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 35.1960, 34.2697, 40.3570 by changing the saturation by 10% instead.

■ 35.1960, 34.2697,
40.3570

■ 35.1960, 34.2697,
40.3570

316.9255,
321.3330, 363.2227

■ 23.9811, 23.1009,
27.5011

■ 67.1213, 66.3529,
76.9499

■ 15.4443, 14.6680,
17.7142

■ 88.5625, 88.0360,
101.5239

■ 9.2201, 8.5867,
10.5777

114.1431,
113.9926, 130.8411

■ 4.9433, 4.4726,
5.6730

144.2285,
144.6072, 165.3199

■ 2.2484, 1.9413,
2.5817

179.1841,
180.2642, 205.3789

■ 0.7681, 0.5730,
0.8830

219.3752,

■ 0.0000, 0.0000,

221.3478, 251.4367

0.0000

265.1672,
268.2426, 303.9118

■ 35.1960, 34.2697,
40.3570

■ 35.1960, 34.2697,
40.3570

■ 32.0189, 28.8154,
36.5222

■ 38.8095, 40.5500,
44.4791

■ 29.2574, 24.1480,
32.9647

■ 42.8731, 47.6845,
48.8939

■ 26.8938, 20.2317,
29.6767

■ 47.4035, 55.7056,
53.6092

■ 24.9075, 17.0262,
26.6494

■ 52.4156, 64.6426,
58.6320

■ 23.2761, 14.4876,
23.8731

■ 57.9238, 74.5234,
63.9689

■ 21.9748, 12.5668,
21.3373

■ 63.5563, 84.6039,
69.4978

■ 20.9753, 11.2082,
19.0303

■ 64.3274, 84.9124,
73.5586

■ 20.2443, 10.3456,
16.9388

■ 65.1298, 85.2333,
77.7839

■ 19.7535, 9.8668,
15.2251

■ 65.9638, 85.5669,
82.1757

Harmonies

Analogous

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



34.2982, 34.2697, 43.8940



35.1960, 34.2697, 40.3570



35.3806, 34.2697, 36.2310

Triad

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



35.1960, 34.2697, 40.3570



32.1920, 34.2697, 30.0257



30.4460, 34.2697, 42.3858

Complementary

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



35.1960, 34.2697, 40.3570



34.2358, 38.8163, 38.9474

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.



29.9167, 34.2697, 38.4182



35.1960, 34.2697, 40.3570



30.9053, 34.2697, 31.4266

Square

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



35.1960, 34.2697, 40.3570



33.6182, 34.2697, 30.4614



30.0824, 34.2697, 34.4277



31.5483, 34.2697, 45.1239

Rectangle

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



35.1960, 34.2697, 40.3570



35.0695, 34.2697, 33.7321



30.0824, 34.2697, 34.4277



30.1966, 34.2697, 41.1406

Sweetspot

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



35.1970, 34.2712, 40.3577



69.0240, 71.1517, 79.1463



33.3295, 33.2328, 43.6881



14.8841, 15.2601, 17.0693



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.



35.1970, 34.2712, 40.3577



62.5239, 59.8810, 71.6476



34.3670, 33.9392, 35.9869



8.2100, 8.0972, 9.4165



14.7268, 7.3533, 11.4727



0.4349, 0.2146, 0.4517

Inverse Universe

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



35.1970, 34.2712, 40.3577



62.5239, 59.8810, 71.6476



35.0958, 39.1603, 43.4758



8.2100, 8.0972, 9.4165



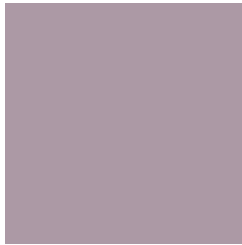
14.7268, 7.3533, 11.4727



0.4349, 0.2146, 0.4517

Previews

White Background



This preview shows how the XYZ color 35.1960, 34.2697, 40.3570 looks on a white background.

Color Contrast Check

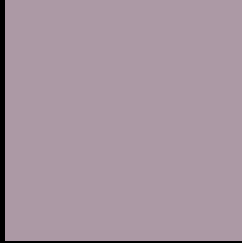
Large Text (above 18pt) WCAG AA × Fail

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 35.1960, 34.2697, 40.3570 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 35.1960, 34.2697, 40.3570

Background



This preview shows how black text looks on a background with the XYZ color 35.1960, 34.2697, 40.3570.



This preview shows how white text looks on a background with the XYZ color 35.1960, 34.2697,

40.3570.

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

35.1960, 34.2697, 40.3570

Protanopia

33.2254, 34.2102, 41.8978

Deuteranopia

35.1417, 34.4857, 40.4016



Tritanopia

35.1960, 34.2697, 40.3570

Trichromacy



Original Color

35.1960, 34.2697, 40.3570

Protanomaly

33.9678, 34.3535, 41.3998

Deuteranomaly

35.1417, 34.4857, 40.4016

Tritanomaly

35.1960, 34.2697, 40.3570

Monochromacy



Original Color

35.1960, 34.2697, 40.3570

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8884, 34.6151, 39.0777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1960, 34.2697, 40.3570 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(172, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(172, 153, 165)  
}
```

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(172, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.1960, 34.2697, 40.3570 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(172, 153, 165) }
```


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

```
.border{ border-color:rgb(172, 153, 165) }
```

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

Here you see how a box with a 4 pixel rgb(172, 153, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(172, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1960, 34.2697, 40.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 153, 165) }
```

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

```
.background{ background-color: rgb(172,  
153, 165) }
```

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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