

Converting Colors

XYZ(35.4352, 36.7827, 41.0927)

Have a look what the booklet for
XYZ(35.4352, 36.7827, 41.0927)
contains.

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Color

**XYZ(35.3203, 36.5932,
41.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A2A6
RGB	165, 162, 166
RGB Percent	65%, 64%, 65%
CMY	0.3529, 0.3647, 0.3490
CMYK	0.01, 0.02, 0.00, 0.35
HSL	285°, 2%, 64%
HSV	285°, 2%, 65%
XYZ	35.3203, 36.5932, 41.2780
YIQ	163.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

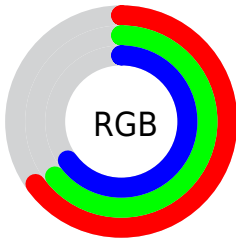
Format	Color
RYB	165, 162, 166
Decimal	10855078
CIELab	66.97, 1.84, -1.70
CIELCh	67, 2.502, 317.325
Yxy	36.5932, 0.3120, 0.3233
Android (android.graphics.Color)	4289045158 (0xFFA5A2A6)
YUV	163.3530, 1.3050, 1.4444
Hunter-Lab	60.4923, -1.6388, 1.8870

Details

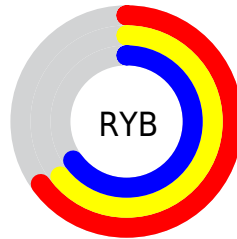
The XYZ color **35.3203, 36.5932, 41.2780** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2635, 37.6686, 39.5965**, and the grayscale version is **34.9743, 36.7957, 40.0706**.

A 20% lighter version of the original color is **67.3792, 70.0618, 78.3786**, and **15.4232, 15.8775, 18.1714** is the 20% darker color. If you saturate the color by 10%, you get **31.7374, 30.6889, 40.3277**, and if you desaturate by 10%, it is **39.3194, 43.2872, 42.3598**.

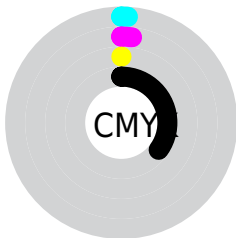
Distribution



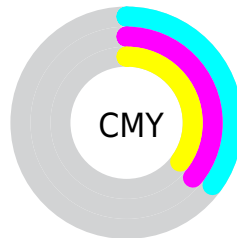
- Red (65%)
- Green (64%)
- Blue (65%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3203, 36.5932, 41.2780 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 35.3203, 36.5932, 41.2780 by changing the saturation by 10% instead.

■ 35.3203, 36.5932,
41.2780

■ 35.3203, 36.5932,
41.2780

317.4632,
331.5459, 367.1922

■ 24.0774, 24.8927,
28.2150

■ 67.3124, 69.9467,
78.3640

■ 15.5161, 15.9971,
18.2474

■ 88.7923, 92.3684,
103.2241

■ 9.2710, 9.5221,
10.9565

114.4153,
119.1327, 132.8536

■ 4.9769, 5.0833,
5.9238

144.5467,
150.6239, 167.6712

■ 2.2683, 2.2962,
2.7307

179.5518,
187.2265, 208.0953

■ 0.7784, 0.7717,
0.9588

219.7960,

■ 0.0000, 0.0000,

229.3247, 254.5444

0.0000

265.6447,
277.3031, 307.4372

■ 35.3203, 36.5932,
41.2780

■ 35.3203, 36.5932,
41.2780

■ 31.7374, 30.6889,
40.3277

■ 39.3194, 43.2872,
42.3598

■ 28.5523, 25.5394,
39.5017

■ 43.7459, 50.7946,
43.5756

■ 25.7498, 21.1141,
38.7952

■ 48.6147, 59.1440,
44.9306

■ 23.3124, 17.3787,
38.2027

■ 53.9389, 68.3614,
46.4291

■ 21.2213, 14.2958,
37.7178

■ 59.7309, 78.4713,
48.0753

■ 19.4559, 11.8247,
37.3339

■ 63.8594, 85.2107,
49.1585

■ 17.9933, 9.9197,
37.0433

■ 64.9113, 85.7529,
49.2077

■ 16.8071, 8.5289,
36.8373

■ 65.9931, 86.3106,
49.2583

■ 15.8663, 7.5905,
36.7058

■ 67.1049, 86.8837,
49.3104

Harmonies

Analogous

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



34.9986, 36.5932, 41.8734



35.3203, 36.5932, 41.2780



35.4979, 36.5932, 40.3043

Triad

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



35.3203, 36.5932, 41.2780



34.9412, 36.5932, 37.8383



34.0884, 36.5932, 40.4697

Complementary

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



35.3203, 36.5932, 41.2780



35.2635, 37.6686, 39.5965

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.



34.0733, 36.5932, 39.3867



35.3203, 36.5932, 41.2780



34.5638, 36.5932, 37.8808

Square

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



35.3203, 36.5932, 41.2780



35.2780, 36.5932, 38.3261



34.2467, 36.5932, 38.4432



34.2882, 36.5932, 41.4010

Rectangle

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



35.3203, 36.5932, 41.2780



35.5099, 36.5932, 39.5778



34.2467, 36.5932, 38.4432



34.0616, 36.5932, 40.1110

Sweetspot

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



35.3213, 36.5948, 41.2788



65.0664, 68.0158, 75.1743



34.8938, 36.6543, 41.3128



14.5696, 15.2355, 16.8250



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.



35.3213, 36.5948, 41.2788



63.6601, 65.6779, 74.7971



35.4450, 36.6683, 40.8396



8.1270, 8.3483, 9.6014



11.8791, 5.5073, 28.4124



0.3317, 0.1560, 0.6933

Inverse Universe

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



35.2584, 36.5937, 39.8573



63.5166, 65.6761, 71.5336



35.1428, 37.5967, 40.0253



8.1048, 8.3481, 9.0925



12.5287, 6.4202, 2.3300



0.3247, 0.1641, 0.1612

Previews

White Background



This preview shows how the XYZ color 35.3203, 36.5932, 41.2780 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 35.3203, 36.5932, 41.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

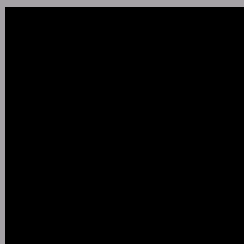
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

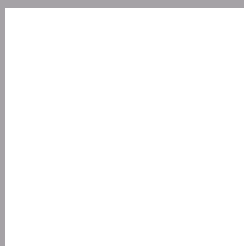
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3203, 36.5932, 41.2780

Background



This preview shows how black text looks on a background with the XYZ color 35.3203, 36.5932, 41.2780.



This preview shows how white text looks on a background with the XYZ color 35.3203, 36.5932,

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

35.3203, 36.5932, 41.2780

Protanopia

35.3203, 36.5932, 41.2780

Deuteranopia

37.3334, 36.5909, 41.6543



Tritanopia

36.1107, 36.6527, 45.2158

Trichromacy



Original Color

35.3203, 36.5932, 41.2780

Protanomaly

35.3203, 36.5932, 41.2780

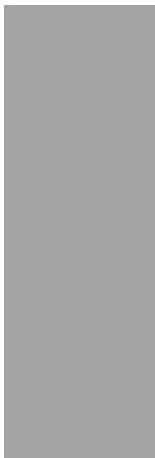
Deuteranomaly

36.6068, 36.4705, 41.6693

Tritanomaly

35.8214, 36.5370, 43.6924

Monochromacy



Original Color

35.3203, 36.5932, 41.2780

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1079, 36.7672, 40.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3203, 36.5932, 41.2780 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(165, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 166)  
}
```

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(165, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.3203, 36.5932, 41.2780 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(165, 162, 166) }
```


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

```
.border{ border-color:rgb(165, 162, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3203, 36.5932, 41.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 166) }
```

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

```
.background{ background-color: rgb(165,  
162, 166) }
```

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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