

Converting Colors

XYZ(35.1717, 35.2968, 41.5292)

Have a look what the booklet for
XYZ(35.1717, 35.2968, 41.5292)
contains.

XYZ(35.1805, 35.2288, 41.5048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.1805, 35.2288,
41.5048)**

Conversions

Conversions Part 1

Format	Color
Hex	A89DA7
RGB	168, 157, 167
RGB Percent	66%, 62%, 65%
CMY	0.3412, 0.3843, 0.3451
CMYK	0.00, 0.07, 0.01, 0.34
HSL	305°, 6%, 64%
HSV	305°, 7%, 66%
XYZ	35.1805, 35.2288, 41.5048
YIQ	161.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

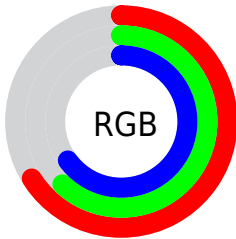
Format	Color
RYB	168, 157, 167
Decimal	11050407
CIELab	65.93, 5.87, -3.76
CIElCh	66, 6.969, 327.332
Yxy	35.2288, 0.3144, 0.3148
Android (android.graphics.Color)	4289240487 (0xFFA89DA7)
YUV	161.4290, 2.7465, 5.7628
Hunter-Lab	59.3539, 1.9321, 0.0875

Details

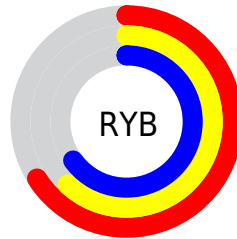
The XYZ color **35.1805, 35.2288, 41.5048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0802, 37.6430, 37.8193**, and the grayscale version is **34.0633, 35.8372, 39.0267**.

A 20% lighter version of the original color is **67.1597, 68.0489, 78.7023**, and **15.4510, 15.2589, 18.3506** is the 20% darker color. If you saturate the color by 10%, you get **32.3913, 29.8746, 39.8826**, and if you desaturate by 10%, it is **38.3643, 41.3684, 43.2676**.

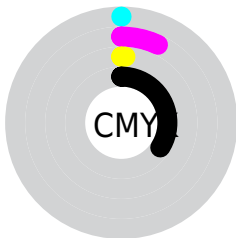
Distribution



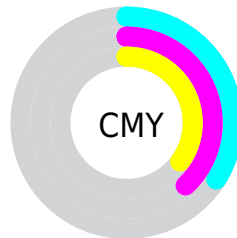
- Red (66%)
- Green (62%)
- Blue (65%)



- Red (66%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (34%)



- Cyan (34%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1805, 35.2288, 41.5048 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 35.1805, 35.2288, 41.5048 by changing the saturation by 10% instead.

■ 35.1805, 35.2288,
41.5048

■ 35.1805, 35.2288,
41.5048

316.8584,
325.5771, 368.1649

■ 23.9691, 23.8392,
28.3911

■ 67.0975, 67.8401,
78.7116

■ 15.4353, 15.2144,
18.3791

■ 88.5338, 89.8305,
103.6417

■ 9.2138, 8.9700,
11.0502

114.1091,
116.1233, 133.3477

■ 4.9391, 4.7216,
5.9860

144.1888,
147.1029, 168.2482

■ 2.2460, 2.0849,
2.7679

179.1382,
183.1537, 208.7616

■ 0.7668, 0.6561,
0.9774

219.3227,

■ 0.0000, 0.0000,

224.6601, 255.3065

0.0000

265.1077,
272.0064, 308.3014

■ 35.1805, 35.2288,
41.5048

■ 35.1805, 35.2288,
41.5048

■ 32.3913, 29.8746,
39.8826

■ 38.3643, 41.3684,
43.2676

■ 29.9777, 25.2696,
38.3933

■ 41.9545, 48.3186,
45.1738

■ 27.9239, 21.3814,
37.0322

■ 45.9663, 56.1095,
47.2288

■ 26.2115, 18.1735,
35.7930

■ 50.4132, 64.7678,
49.4372

■ 24.8208, 15.6062,
34.6692

■ 55.3081, 74.3194,
51.8032

■ 23.7299, 13.6359,
33.6533

■ 59.7620, 82.9863,
54.0306

■ 22.9141, 12.2132,
32.7373

■ 59.9143, 83.0472,
54.8326

■ 22.3449, 11.2811,
31.9115

■ 60.0683, 83.1088,
55.6435

■ 21.9820, 10.7590,
31.1625

■ 60.2240, 83.1711,
56.4635

Harmonies

Analogous

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



34.4023, 35.2288, 43.6257



35.1805, 35.2288, 41.5048



35.5033, 35.2288, 38.6230

Triad

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



35.1805, 35.2288, 41.5048



33.5763, 35.2288, 32.9621



31.7536, 35.2288, 41.0243

Complementary

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



35.1805, 35.2288, 41.5048



34.0802, 37.6430, 37.8193

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.



31.5426, 35.2288, 38.0945



35.1805, 35.2288, 41.5048



32.5820, 35.2288, 33.5327

Square

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



35.1805, 35.2288, 41.5048



34.5653, 35.2288, 33.7748



31.8428, 35.2288, 35.3747



32.4253, 35.2288, 43.3385

Rectangle

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



35.1805, 35.2288, 41.5048



35.4121, 35.2288, 36.6916



31.8428, 35.2288, 35.3747



31.6271, 35.2288, 40.0744

Sweetspot

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



35.1815, 35.2303, 41.5056



66.3555, 68.7730, 76.7268



33.2106, 34.2035, 41.8980



14.4771, 15.0174, 16.7311



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.



35.1815, 35.2303, 41.5056



62.9833, 62.2798, 74.8285



34.6912, 35.0342, 38.9237



7.8120, 7.6547, 9.3274



16.5290, 8.0203, 23.3950



0.4104, 0.1984, 0.6126

Inverse Universe

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



35.1815, 35.2303, 41.5056



62.9833, 62.2798, 74.8285



34.5568, 37.8336, 40.3288



7.8120, 7.6547, 9.3274



16.5290, 8.0203, 23.3950



0.4104, 0.1984, 0.6126

Previews

White Background



This preview shows how the XYZ color 35.1805, 35.2288, 41.5048 looks on a white background.

Color Contrast Check

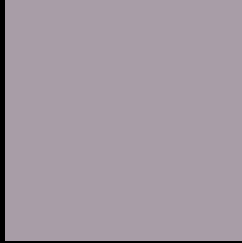
Large Text (above 18pt) WCAG AA × Fail

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 35.1805, 35.2288, 41.5048 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 35.1805, 35.2288, 41.5048

Background



This preview shows how black text looks on a background with the XYZ color 35.1805, 35.2288, 41.5048.



This preview shows how white text looks on a background with the XYZ color 35.1805, 35.2288,

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

35.1805, 35.2288, 41.5048

Protanopia

34.1640, 35.2005, 42.0395

Deuteranopia

35.7097, 35.0034, 41.4334



Tritanopia

35.3669, 35.3033, 42.4863

Trichromacy



Original Color

35.1805, 35.2288, 41.5048

Protanomaly

34.6046, 35.1734, 42.0111

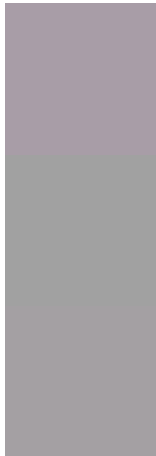
Deuteranomaly

35.6581, 35.2249, 41.4789

Tritanomaly

35.2733, 35.2659, 41.9937

Monochromacy



Original Color

35.1805, 35.2288, 41.5048

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4915, 35.6785, 39.7191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1805, 35.2288, 41.5048 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(168, 157, 167) looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 167)  
}
```

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(168, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.1805, 35.2288, 41.5048 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(168, 157, 167) }
```


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

```
.border{ border-color:rgb(168, 157, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 157, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(168, 157,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1805, 35.2288, 41.5048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 167) }
```

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

```
.background{ background-color: rgb(168,  
157, 167) }
```

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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