

Converting Colors

XYZ(36.5341, 35.9181, 46.6036)

Have a look what the booklet for
XYZ(36.5341, 35.9181, 46.6036)
contains.

XYZ(36.5703, 35.8343, 46.5842)	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(36.5703, 35.8343,
46.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9DB1
RGB	170, 157, 177
RGB Percent	67%, 62%, 69%
CMY	0.3333, 0.3843, 0.3059
CMYK	0.04, 0.11, 0.00, 0.31
HSL	279°, 11%, 65%
HSV	279°, 11%, 69%
XYZ	36.5703, 35.8343, 46.5842
YIQ	163.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

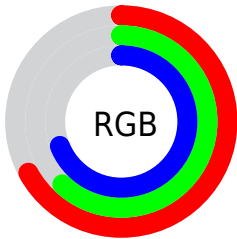
Format	Color
R_{YB}	170, 157, 177
Decimal	11181489
CIE _{Lab}	66.39, 8.52, -8.65
CIE _{LCh}	66, 12.139, 314.582
Yxy	35.8343, 0.3073, 0.3012
Android (android.graphics.Color)	4289371569 (0xFFAA9DB1)
YUV	163.1670, 6.8197, 5.9925
Hunter-Lab	59.8618, 4.2898, -4.2360

Details

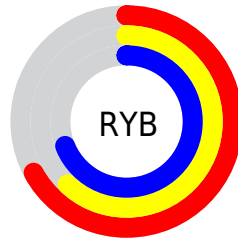
The XYZ color **36.5703, 35.8343, 46.5842** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1191, 41.7721, 38.0065**, and the grayscale version is **34.8608, 36.6763, 39.9405**.

A 20% lighter version of the original color is **69.3028, 68.9777, 86.7522**, and **16.2633, 15.6149, 21.2256** is the 20% darker color. If you saturate the color by 10%, you get **32.4823, 29.5995, 45.5968**, and if you desaturate by 10%, it is **41.1574, 42.9723, 47.7208**.

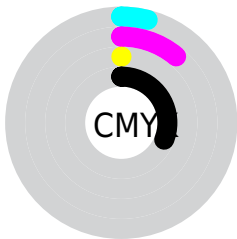
Distribution



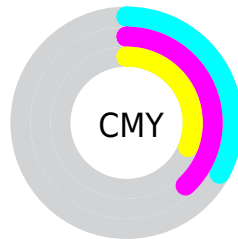
- Red (67%)
- Green (62%)
- Blue (69%)



- Red (67%)
- Yellow (62%)
- Blue (69%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5703, 35.8343, 46.5842 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 36.5703, 35.8343, 46.5842 by changing the saturation by 10% instead.

■ 36.5703, 35.8343,
46.5842

■ 36.5703, 35.8343,
46.5842

322.8343,
328.2357, 389.4980

■ 25.0471, 24.3063,
32.3551

■ 69.2295, 68.7762,
86.4361

■ 16.2411, 15.5610,
21.3658

■ 91.0963, 90.9589,
112.8960

■ 9.7868, 9.2140,
13.1978

117.1416,
117.4619, 144.2698

■ 5.3190, 4.8810,
7.4326

147.7309,
148.6696, 180.9762

■ 2.4723, 2.1776,
3.6515

183.2294,
184.9665, 223.4337

■ 0.8813, 0.7078,
1.4362

224.0026,

■ 0.0000, 0.0000,

226.7369, 272.0608

0.1697

270.4158,
274.3651, 327.2760

■ 0.0000, 0.0000,
0.0000

■ 36.5703, 35.8343,
46.5842

■ 36.5703, 35.8343,
46.5842

■ 32.4823, 29.5995,
45.5968

■ 41.1574, 42.9723,
47.7208

■ 28.8707, 24.2259,
44.7499

■ 46.2588, 51.0444,
49.0099

■ 25.7159, 19.6746,
44.0377

■ 51.8927, 60.0854,
50.4581

■ 22.9954, 15.9020,
43.4529

■ 58.0756, 70.1270,
52.0705

■ 20.6847, 12.8606,
42.9876

■ 64.8233, 81.1997,
53.8520

■ 18.7565, 10.4972,
42.6331

■ 69.4774, 87.9852,
54.9165

■ 17.1800, 8.7515,
42.3792

■ 71.2446, 88.8962,
54.9992

■ 15.9185, 7.5517,
42.2141

■ 73.0806, 89.8427,
55.0851

■ 15.0117, 6.8221,
42.1211

■ 74.9860, 90.8250,
55.1743

Harmonies

Analogous

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



34.9463, 35.8343, 49.5205



36.5703, 35.8343, 46.5842



37.5385, 35.8343, 41.7376

Triad

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



36.5703, 35.8343, 46.5842



34.9964, 35.8343, 30.1473



30.7899, 35.8343, 41.5904

Complementary

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



36.5703, 35.8343, 46.5842



37.1191, 41.7721, 38.0065

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.



30.8022, 35.8343, 36.4181



36.5703, 35.8343, 46.5842



33.1876, 35.8343, 30.1156

Square

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



36.5703, 35.8343, 46.5842



36.6081, 35.8343, 32.4090



31.6662, 35.8343, 32.3180



31.6319, 35.8343, 46.4682

Rectangle

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



36.5703, 35.8343, 46.5842



37.6609, 35.8343, 38.2238



31.6662, 35.8343, 32.3180



30.6952, 35.8343, 39.8220

Sweetspot

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



36.5714, 35.8358, 46.5850



72.2046, 74.6005, 85.0890



35.1770, 37.0143, 46.8859



15.5019, 15.9387, 18.4038



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.5714, 35.8358, 46.5850



63.2523, 60.7303, 82.8837



37.8620, 36.5316, 45.2715



8.5556, 8.4949, 10.6951



10.9438, 4.9776, 30.5210



0.4045, 0.1876, 0.9631

Inverse Universe

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



36.8905, 36.1430, 40.1558



63.9845, 61.4256, 68.5573



35.9441, 41.1397, 39.1530



8.6151, 8.5528, 9.4716



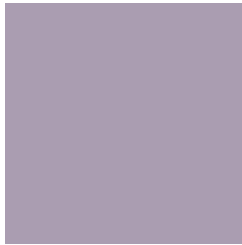
13.7924, 7.0345, 4.0666



0.4622, 0.2326, 0.2769

Previews

White Background



This preview shows how the XYZ color 36.5703, 35.8343, 46.5842 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 36.5703, 35.8343, 46.5842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

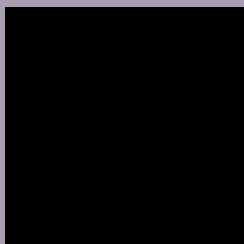
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5703, 35.8343, 46.5842

Background



This preview shows how black text looks on a background with the XYZ color 36.5703, 35.8343, 46.5842.



This preview shows how white text looks on a background with the XYZ color 36.5703, 35.8343,

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

36.5703, 35.8343, 46.5842

Protanopia

35.0056, 35.7672, 47.7066

Deuteranopia

36.5703, 35.8343, 46.5842



Tritanopia

35.9397, 35.8290, 43.5495

Trichromacy



Original Color

36.5703, 35.8343, 46.5842

Protanomaly

35.5383, 35.7972, 47.1560

Deuteranomaly

36.5703, 35.8343, 46.5842

Tritanomaly

36.1319, 35.9059, 44.5613

Monochromacy



Original Color

36.5703, 35.8343, 46.5842

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5386, 36.4239, 42.2032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5703, 35.8343, 46.5842 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 177) }
```

Border

The CSS property to change the border of an element to XYZ 36.5703, 35.8343, 46.5842 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, 177) }
```


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

```
.border{ border-color:rgb(170, 157, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5703, 35.8343, 46.5842 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, 177) }
```

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

```
.background{ background-color: rgb(170,  
157, 177) }
```

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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