

Converting Colors

XYZ(36.2599, 34.2331, 52.8677)

Have a look what the booklet for
XYZ(36.2599, 34.2331, 52.8677)
contains.

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Color

**XYZ(36.3499, 34.3461,
52.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	A798BD
RGB	167, 152, 189
RGB Percent	65%, 60%, 74%
CMY	0.3451, 0.4039, 0.2588
CMYK	0.12, 0.20, 0.00, 0.26
HSL	264°, 22%, 67%
HSV	264°, 20%, 74%
XYZ	36.3499, 34.3461, 52.8577
YIQ	160.7030, -2.9370, 14.6870

Conversions

Conversions Part 2

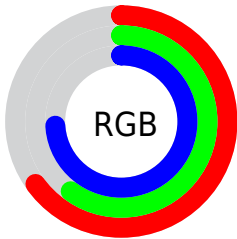
Format	Color
R _Y B	167, 152, 189
Decimal	10983613
CIE Lab	65.24, 12.77, -17.12
CIE LCh	65, 21.363, 306.726
Yxy	34.3461, 0.2942, 0.2780
Android (android.graphics.Color)	4289173693 (0xFFA798BD)
YUV	160.7030, 13.9504, 5.5225
Hunter-Lab	58.6055, 8.1543, -12.4511

Details

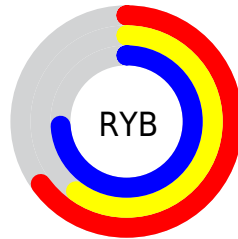
The XYZ color **36.3499, 34.3461, 52.8577** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.3218, 47.6617, 36.7291**, and the grayscale version is **33.6778, 35.4316, 38.5850**.

A 20% lighter version of the original color is **68.6769, 66.2648, 95.5569**, and **16.1678, 14.7298, 25.2835** is the 20% darker color. If you saturate the color by 10%, you get **31.2517, 27.5220, 51.8098**, and if you desaturate by 10%, it is **42.1454, 42.2571, 54.0798**.

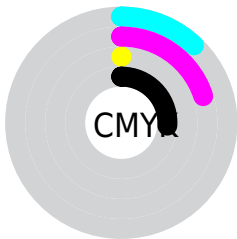
Distribution



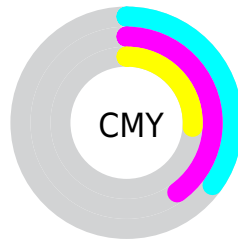
- Red (65%)
- Green (60%)
- Blue (74%)



- Red (65%)
- Yellow (60%)
- Blue (74%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3499, 34.3461, 52.8577 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 36.3499, 34.3461, 52.8577 by changing the saturation by 10% instead.

■ 36.3499, 34.3461,
52.8577

■ 36.3499, 34.3461,
52.8577

321.8919,
321.6726, 414.7897

■ 24.8759, 23.1596,
37.3022

■ 68.8921, 66.4715,
95.8344

■ 16.1129, 14.7114,
25.1440

■ 90.6911, 88.1792,
124.0927

■ 9.6954, 8.6171,
15.9644

116.6624,
114.1628, 157.4223

■ 5.2582, 4.4923,
9.3448

147.1714,
144.8067, 196.2418

■ 2.4358, 1.9526,
4.8669

182.5836,
180.4952, 240.9698

■ 0.8630, 0.5797,
2.1120

223.2641,

■ 0.0000, 0.0000,

221.6127, 292.0247

0.6229

269.5785,
268.5437, 349.8252

■ 0.0000, 0.0000,
0.0000

■ 36.3499, 34.3461,
52.8577

■ 36.3499, 34.3461,
52.8577

■ 31.2517, 27.5220,
51.8098

■ 42.1454, 42.2571,
54.0798

■ 26.8192, 21.7315,
50.9257

■ 48.6616, 51.2963,
55.4811

■ 23.0232, 16.9233,
50.1977

■ 55.9246, 61.5083,
57.0694

■ 19.8306, 13.0399,
49.6164

■ 63.9585, 72.9338,
58.8513

■ 17.2052, 10.0176,
49.1714

■ 72.7858, 85.6116,
60.8331

■ 15.1062, 7.7842,
48.8509

■ 79.0191, 92.7598,
61.8843

■ 13.4865, 6.2551,
48.6412

■ 82.8359, 94.7274,
62.0629

■ 12.2623, 5.2733,
48.5162

■ 86.1854, 96.4542,
62.2197

■ 12.2152, 5.2361,
48.5115

Harmonies

Analogous

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



33.3497, 34.3461, 57.0958



36.3499, 34.3461, 52.8577



38.4472, 34.3461, 44.5744

Triad

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



36.3499, 34.3461, 52.8577



35.0633, 34.3461, 23.7771



27.0632, 34.3461, 39.4372

Complementary

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



36.3499, 34.3461, 52.8577



41.3218, 47.6617, 36.7291

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.



27.4580, 34.3461, 31.0348



36.3499, 34.3461, 52.8577



31.9501, 34.3461, 22.8469

Square

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



36.3499, 34.3461, 52.8577



37.6720, 34.3461, 28.0692



29.2007, 34.3461, 25.2899



28.0862, 34.3461, 48.5916

Rectangle

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



36.3499, 34.3461, 52.8577



38.9810, 34.3461, 38.3830



29.2007, 34.3461, 25.2899



27.0356, 34.3461, 36.4282

Sweetspot

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



36.3510, 34.3475, 52.8585



79.3930, 81.0806, 97.6919



37.3101, 40.7002, 54.0341



16.9133, 17.2149, 20.9740



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.3510, 34.3475, 52.8585



61.4962, 56.6554, 93.9206



40.4946, 36.4837, 53.0524



9.3728, 9.4091, 11.9943



8.3004, 3.5651, 32.6436



0.3994, 0.1779, 1.2822

Inverse Universe

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



39.8556, 36.3327, 44.9582



68.8573, 60.8279, 77.2018



37.5186, 45.7011, 36.5511



9.7618, 9.6290, 11.1346



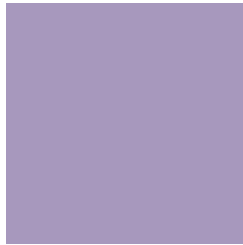
16.1410, 8.0876, 11.3022



0.6639, 0.3294, 0.6093

Previews

White Background



This preview shows how the XYZ color 36.3499, 34.3461, 52.8577 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 36.3499, 34.3461, 52.8577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

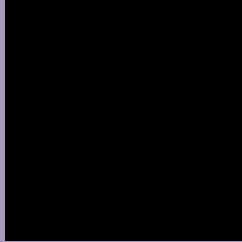
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3499, 34.3461, 52.8577

Background



This preview shows how black text looks on a background with the XYZ color 36.3499, 34.3461, 52.8577.



This preview shows how white text looks on a background with the XYZ color 36.3499, 34.3461,

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

36.3499, 34.3461, 52.8577

Protanopia

34.3339, 34.4990, 54.7186

Deuteranopia

35.0965, 34.4445, 52.3756



Tritanopia

34.2662, 34.4966, 41.8983

Trichromacy



Original Color

36.3499, 34.3461, 52.8577

Protanomaly

35.0299, 34.3724, 54.0785

Deuteranomaly

35.5330, 34.4234, 52.3485

Tritanomaly

35.0749, 34.5766, 45.8996

Monochromacy



Original Color

36.3499, 34.3461, 52.8577

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.6818, 35.1805, 43.4907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3499, 34.3461, 52.8577 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(167, 152, 189)` looks like.

```
.text, #text, p{  
    color:rgb(167, 152, 189)  
}
```

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(167, 152, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 152, 189) }
```

Border

The CSS property to change the border of an element to XYZ 36.3499, 34.3461, 52.8577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

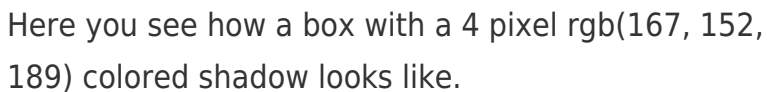
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 152, 189) }
```


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

```
.border{ border-color:rgb(167, 152, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 152, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 152, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 152, 189);  
box-shadow:4px 4px 4px 4px rgb(167, 152,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3499, 34.3461, 52.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 152, 189) }
```

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

```
.background{ background-color: rgb(167,  
152, 189) }
```

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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