

Converting Colors

XYZ(36.0748, 36.2603, 51.6442)

Have a look what the booklet for
XYZ(36.0748, 36.2603, 51.6442)
contains.

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Color

**XYZ(36.1317, 36.2638,
51.5497)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A0BA
RGB	161, 160, 186
RGB Percent	63%, 63%, 73%
CMY	0.3686, 0.3725, 0.2706
CMYK	0.13, 0.14, 0.00, 0.27
HSL	242°, 16%, 68%
HSV	242°, 14%, 73%
XYZ	36.1317, 36.2638, 51.5497
YIQ	163.2630, -7.7500, 8.2980

Conversions

Conversions Part 2

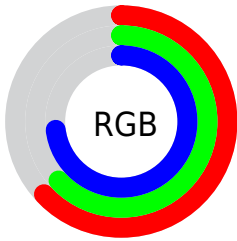
Format	Color
RYB	161, 160, 186
Decimal	10592442
CIELab	66.72, 5.65, -13.26
CIElCh	67, 14.409, 293.078
Yxy	36.2638, 0.2915, 0.2926
Android (android.graphics.Color)	4288782522 (0xFFA1A0BA)
YUV	163.2630, 11.2093, -1.9847
Hunter-Lab	60.2194, 1.7161, -8.6005

Details

The XYZ color **36.1317, 36.2638, 51.5497** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.9128, 47.9711, 40.2042**, and the grayscale version is **34.8892, 36.7061, 39.9730**.

A 20% lighter version of the original color is **68.6464, 69.6106, 93.8225**, and **16.0090, 15.8819, 24.4121** is the 20% darker color. If you saturate the color by 10%, you get **29.7953, 28.5642, 50.3981**, and if you desaturate by 10%, it is **43.4683, 45.1971, 52.8879**.

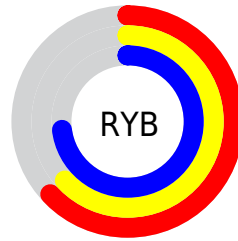
Distribution



Red (63%)

Green (63%)

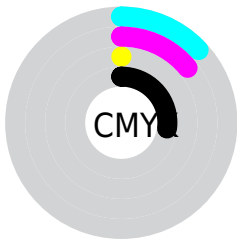
Blue (73%)



Red (63%)

Yellow (63%)

Blue (73%)

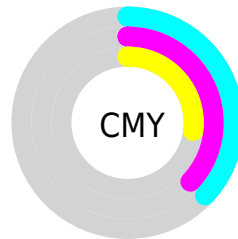


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1317, 36.2638, 51.5497 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 36.1317, 36.2638, 51.5497 by changing the saturation by 10% instead.

■ 36.1317, 36.2638,
51.5497

■ 36.1317, 36.2638,
51.5497

320.9570,
330.1121, 409.6031

■ 24.7065, 24.6380,
36.2665

■ 68.5578, 69.4390,
93.8866

■ 15.9861, 15.8076,
24.3488

■ 90.2895, 91.7573,
121.7774

■ 9.6051, 9.3881,
15.3780

116.1873,
118.4084, 154.7078

■ 5.1982, 4.9952,
8.9355

146.6167,
149.7769, 193.0964

■ 2.3999, 2.2444,
4.6029

181.9431,
186.2472, 237.3617

■ 0.8451, 0.7441,
1.9616

222.5316,

■ 0.0000, 0.0000,

228.2035, 287.9222

0.5315

268.7478,
276.0303, 345.1965

■ 0.0000, 0.0000,
0.0000

■ 36.1317, 36.2638,
51.5497

■ 36.1317, 36.2638,
51.5497

■ 29.7953, 28.5642,
50.3981

■ 43.4683, 45.1971,
52.8879

■ 24.4128, 22.0397,
49.4224

■ 51.8423, 55.4101,
54.4178

■ 19.9388, 16.6340,
48.6148

■ 61.2930, 66.9520,
56.1475

■ 16.3233, 12.2842,
47.9658

■ 71.8569, 79.8683,
58.0839

■ 13.5112, 8.9213,
47.4649

■ 83.5684, 94.2020,
60.2333

■ 11.4412, 6.4679,
47.1004

■ 85.8630, 96.3252,
60.5222

■ 10.0430, 4.8353,
46.8590

■ 9.2329, 3.9170,
46.7244

■ 8.9525, 3.5913,
46.6764

Harmonies

Analogous

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



33.9665, 36.2638, 52.5965



36.1317, 36.2638, 51.5497



37.9174, 36.2638, 47.1194

Triad

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



36.1317, 36.2638, 51.5497



37.0393, 36.2638, 30.6697



30.4836, 36.2638, 38.0603

Complementary

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



36.1317, 36.2638, 51.5497



43.9128, 47.9711, 40.2042

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.



31.2338, 36.2638, 32.7235



36.1317, 36.2638, 51.5497



34.9737, 36.2638, 28.7567

Square

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



36.1317, 36.2638, 51.5497



38.4566, 36.2638, 34.9774



32.8555, 36.2638, 29.4671



30.7646, 36.2638, 44.3643

Rectangle

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



36.1317, 36.2638, 51.5497



38.6219, 36.2638, 43.0719



32.8555, 36.2638, 29.4671



30.6225, 36.2638, 36.1032

Sweetspot

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



36.1328, 36.2653, 51.5505



78.6612, 81.7671, 95.8381



40.7381, 45.7734, 53.1430



17.0865, 17.7189, 21.0621



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.



36.1328, 36.2653, 51.5505



61.5002, 60.8779, 92.7106



38.8608, 37.6717, 51.6782



8.5522, 8.7355, 11.3148



6.0375, 2.4236, 31.4027



0.2237, 0.0910, 1.1075

Inverse Universe

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



41.5786, 39.0850, 51.2531



73.4339, 67.0573, 92.0325



40.9477, 46.4425, 40.0654



9.3656, 9.1566, 11.2728



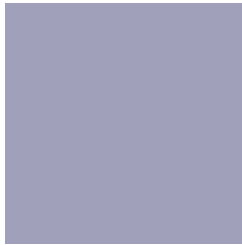
19.0943, 9.2115, 29.4469



0.6778, 0.3266, 1.0626

Previews

White Background



This preview shows how the XYZ color 36.1317, 36.2638, 51.5497 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 36.1317, 36.2638, 51.5497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

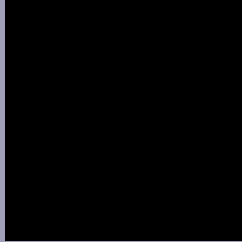
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1317, 36.2638, 51.5497

Background



This preview shows how black text looks on a background with the XYZ color 36.1317, 36.2638, 51.5497.



This preview shows how white text looks on a background with the XYZ color 36.1317, 36.2638,

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

36.1317, 36.2638, 51.5497

Protanopia

35.8151, 36.3467, 52.1417

Deuteranopia

37.0261, 36.2144, 51.4930



Tritanopia

34.9563, 36.3067, 45.7229

Trichromacy



Original Color

36.1317, 36.2638, 51.5497

Protanomaly

36.0126, 36.4485, 52.1509

Deuteranomaly

36.7781, 36.3408, 51.5304

Tritanomaly

35.3788, 36.2180, 47.7739

Monochromacy



Original Color

36.1317, 36.2638, 51.5497

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1713, 36.4623, 43.7123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1317, 36.2638, 51.5497 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(161, 160, 186)` looks like.

```
.text, #text, p{  
    color:rgb(161, 160, 186)  
}
```

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(161, 160, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 160, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.1317, 36.2638, 51.5497 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(161, 160, 186) }
```


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

```
.border{ border-color:rgb(161, 160, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 160, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 160, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 160, 186);  
box-shadow:4px 4px 4px 4px rgb(161, 160,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1317, 36.2638, 51.5497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 160, 186) }
```

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

```
.background{ background-color: rgb(161,  
160, 186) }
```

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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