

Converting Colors

XYZ(36.6046, 34.7616, 52.0408)

Have a look what the booklet for
XYZ(36.6046, 34.7616, 52.0408)
contains.

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Color

**XYZ(36.5093, 34.6952,
51.7863)**

Conversions

Conversions Part 1

Format	Color
Hex	A899BB
RGB	168, 153, 187
RGB Percent	66%, 60%, 73%
CMY	0.3412, 0.4000, 0.2667
CMYK	0.10, 0.18, 0.00, 0.27
HSL	266°, 20%, 67%
HSV	266°, 18%, 73%
XYZ	36.5093, 34.6952, 51.7863
YIQ	161.3610, -1.9740, 13.7540

Conversions

Conversions Part 2

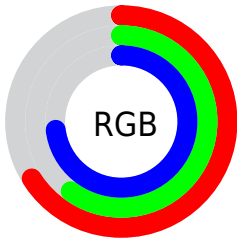
Format	Color
R_{YB}	168, 153, 187
Decimal	11049403
CIE _{Lab}	65.51, 12.12, -15.58
CIE _{LCh}	66, 19.741, 307.884
Yxy	34.6952, 0.2968, 0.2821
Android (android.graphics.Color)	4289239483 (0xFFA899BB)
YUV	161.3610, 12.6400, 5.8224
Hunter-Lab	58.9026, 7.5591, -10.8950

Details

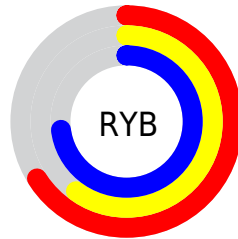
The XYZ color **36.5093, 34.6952, 51.7863** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.5347, 46.6122, 36.9994**, and the grayscale version is **33.9888, 35.7588, 38.9414**.

A 20% lighter version of the original color is **68.9219, 66.7847, 94.0522**, and **16.2569, 14.9370, 24.5805** is the 20% darker color. If you saturate the color by 10%, you get **31.5492, 27.9458, 50.7455**, and if you desaturate by 10%, it is **42.1300, 42.4990, 52.9969**.

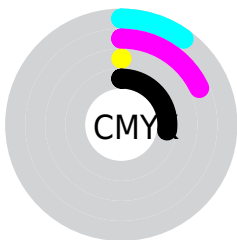
Distribution



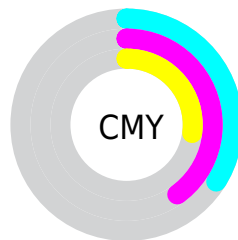
- Red (66%)
- Green (60%)
- Blue (73%)



- Red (66%)
- Yellow (60%)
- Blue (73%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5093, 34.6952, 51.7863 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 36.5093, 34.6952, 51.7863 by changing the saturation by 10% instead.

■ 36.5093, 34.6952,
51.7863

■ 36.5093, 34.6952,
51.7863

322.5737,
323.2209, 410.5445

■ 24.9997, 23.4282,
36.4537

■ 69.1362, 67.0133,
94.2394

■ 16.2056, 14.9100,
24.4923

■ 90.9842, 88.8332,
122.1969

■ 9.7615, 8.7562,
15.4837

117.0091,
114.9395, 155.1999

■ 5.3022, 4.5825,
9.0092

147.5761,
145.7166, 193.6668

■ 2.4622, 2.0045,
4.6503

183.0508,
181.5489, 238.0161

■ 0.8762, 0.6101,
1.9884

223.7984,

■ 0.0000, 0.0000,

222.8208, 288.6665

0.5482

270.1842,
269.9167, 346.0365

■ 0.0000, 0.0000,
0.0000

■ 36.5093, 34.6952,
51.7863

■ 36.5093, 34.6952,
51.7863

■ 31.5492, 27.9458,
50.7455

■ 42.1300, 42.4990,
52.9969

■ 27.2201, 22.1998,
49.8646

■ 48.4331, 51.3966,
54.3821

■ 23.4946, 17.4082,
49.1361

■ 55.4430, 61.4306,
55.9494

■ 20.3421, 13.5164,
48.5510

■ 63.1821, 72.6401,
57.7051

■ 17.7286, 10.4636,
48.0995

■ 71.6717, 85.0623,
59.6554

15.6165, 8.1815,
47.7703

77.5900, 92.0480,
60.6919

13.9619, 6.5903,
47.5504

81.0590, 93.8363,
60.8542

12.6983, 5.5649,
47.4191

84.7327, 95.7302,
61.0261

12.4924, 5.4039,
47.3989

85.9697, 96.3679,
61.0840

Harmonies

Analogous

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



33.7451, 34.6952, 55.8423



36.5093, 34.6952, 51.7863



38.3992, 34.6952, 44.0931

Triad

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



36.5093, 34.6952, 51.7863



35.1141, 34.6952, 24.8648



27.7714, 34.6952, 40.0033

Complementary

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



36.5093, 34.6952, 51.7863



40.5347, 46.6122, 36.9994

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.



28.0904, 34.6952, 32.0951



36.5093, 34.6952, 51.7863



32.2201, 34.6952, 24.1004

Square

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



36.5093, 34.6952, 51.7863



37.5614, 34.6952, 28.8204



29.6797, 34.6952, 26.5540



28.7812, 34.6952, 48.4205

Rectangle

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



36.5093, 34.6952, 51.7863



38.8494, 34.6952, 38.3679



29.6797, 34.6952, 26.5540



27.7279, 34.6952, 37.1925

Sweetspot

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



36.5104, 34.6967, 51.7871



78.8196, 80.8401, 95.6509



36.9111, 39.9681, 52.7834



17.1863, 17.5616, 21.0265



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.



36.5104, 34.6967, 51.7871



61.5383, 56.8680, 91.9346



40.3052, 36.6530, 51.9647



9.4052, 9.4257, 11.9958



8.6875, 3.7646, 32.6617



0.4155, 0.1862, 1.2829

Inverse Universe

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



39.3324, 36.3274, 43.9704



67.6437, 60.3981, 74.9311



37.0902, 44.8365, 36.8382



9.7474, 9.6232, 11.0586



15.8965, 7.9897, 10.0144



0.6551, 0.3259, 0.5629

Previews

White Background



This preview shows how the XYZ color 36.5093, 34.6952, 51.7863 looks on a white background.

Color Contrast Check

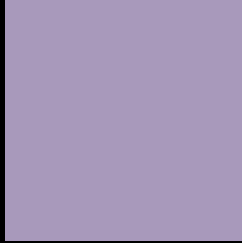
Large Text (above 18pt) WCAG AA × Fail

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 36.5093, 34.6952, 51.7863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

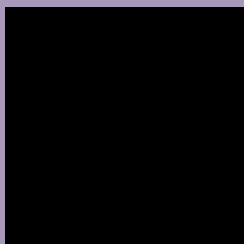
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5093, 34.6952, 51.7863

Background



This preview shows how black text looks on a background with the XYZ color 36.5093, 34.6952, 51.7863.



This preview shows how white text looks on a background with the XYZ color 36.5093, 34.6952,

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

36.5093, 34.6952, 51.7863

Protanopia

34.4700, 34.8468, 53.6245

Deuteranopia

35.3889, 34.6076, 51.8284



Tritanopia

34.5669, 34.6408, 42.4006

Trichromacy



Original Color

36.5093, 34.6952, 51.7863

Protanomaly

35.1743, 34.7202, 52.9919

Deuteranomaly

35.8351, 34.5916, 51.8018

Tritanomaly

35.2837, 34.6843, 45.9094

Monochromacy



Original Color

36.5093, 34.6952, 51.7863

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.7924, 35.2485, 43.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5093, 34.6952, 51.7863 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, 153, 187)` looks like.

```
.text, #text, p{  
    color:rgb(168, 153, 187)  
}
```

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, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 153, 187) }
```

Border

The CSS property to change the border of an element to XYZ 36.5093, 34.6952, 51.7863 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, 153, 187) }
```


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

```
.border{ border-color:rgb(168, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 153, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 153, 187); box-shadow:4px 4px 4px 4px rgb(168, 153, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5093, 34.6952, 51.7863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 153, 187) }
```

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

```
.background{ background-color: rgb(168,  
153, 187) }
```

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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