

Converting Colors

XYZ(37.0531, 34.6835, 54.2190)

Have a look what the booklet for
XYZ(37.0531, 34.6835, 54.2190)
contains.

XYZ(36.9944, 34.6531, 54.0291)	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(36.9944, 34.6531,
54.0291)**

Conversions

Conversions Part 1

Format	Color
Hex	A998BF
RGB	169, 152, 191
RGB Percent	66%, 60%, 75%
CMY	0.3372, 0.4039, 0.2510
CMYK	0.12, 0.20, 0.00, 0.25
HSL	266°, 23%, 67%
HSV	266°, 20%, 75%
XYZ	36.9944, 34.6531, 54.0291
YIQ	161.5290, -2.3870, 15.7330

Conversions

Conversions Part 2

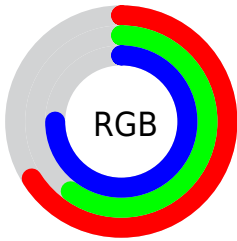
Format	Color
R_{YB}	169, 152, 191
Decimal	11114687
CIE _{Lab}	65.48, 13.87, -17.86
CIE _{LCh}	65, 22.611, 307.828
Yxy	34.6531, 0.2944, 0.2757
Android (android.graphics.Color)	4289304767 (0xFFA998BF)
YUV	161.5290, 14.5292, 6.5521
Hunter-Lab	58.8669, 9.1598, -13.2106

Details

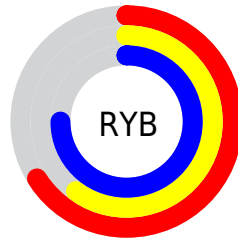
The XYZ color **36.9944, 34.6531, 54.0291** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.7551, 48.5282, 36.8736**, and the grayscale version is **34.0586, 35.8323, 39.0214**.

A 20% lighter version of the original color is **69.6003, 66.7053, 97.2028**, and **16.5052, 14.8954, 25.6721** is the 20% darker color. If you saturate the color by 10%, you get **31.9236, 27.8025, 52.9746**, and if you desaturate by 10%, it is **42.7570, 42.6032, 55.2604**.

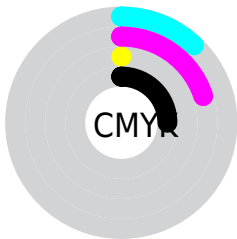
Distribution



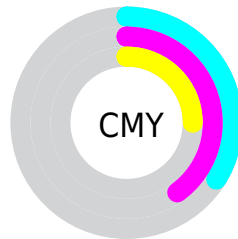
- Red (66%)
- Green (60%)
- Blue (75%)



- Red (66%)
- Yellow (60%)
- Blue (75%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9944, 34.6531, 54.0291 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 36.9944, 34.6531, 54.0291 by changing the saturation by 10% instead.

■ 36.9944, 34.6531,
54.0291

■ 36.9944, 34.6531,
54.0291

324.6422,
323.0345, 419.3987

■ 25.3768, 23.3958,
38.2316

■ 69.8781, 66.9480,
97.5738

■ 16.4882, 14.8860,
25.8593

■ 91.8748, 88.7544,
126.1581

■ 9.9633, 8.7394,
16.4936

118.0621,
114.8459, 159.8417

■ 5.4367, 4.5716,
9.7160

148.8051,
145.6070, 199.0432

■ 2.5431, 1.9982,
5.1079

184.4692,
181.4220, 244.1811

■ 0.9170, 0.6064,
2.2509

225.4199,

■ 0.0000, 0.0000,

222.6753, 295.6740

0.7035

272.0225,
269.7513, 353.9403

■ 0.0000, 0.0000,
0.0000

■ 36.9944, 34.6531,
54.0291

■ 36.9944, 34.6531,
54.0291

■ 31.9236, 27.8025,
52.9746

■ 42.7570, 42.6032,
55.2604

■ 27.5131, 21.9969,
52.0865

■ 49.2349, 51.6953,
56.6740

■ 23.7333, 17.1839,
51.3567

■ 56.4544, 61.9747,
58.2776

■ 20.5511, 13.3042,
50.7756

■ 64.4393, 73.4832,
60.0781

■ 17.9298, 10.2925,
50.3324

■ 73.2125, 86.2603,
62.0819

■ 15.8282, 8.0742,
50.0150

■ 78.9812, 92.7150,
63.0238

■ 14.1982, 6.5616,
49.8089

■ 82.6202, 94.5910,
63.1941

■ 12.9937, 5.6121,
49.6891

■ 86.4041, 96.5416,
63.3712

Harmonies

Analogous

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



33.8108, 34.6531, 58.8121



36.9944, 34.6531, 54.0291



39.1862, 34.6531, 45.0332

Triad

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



36.9944, 34.6531, 54.0291



35.3964, 34.6531, 23.2491



27.0278, 34.6531, 40.2676

Complementary

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



36.9944, 34.6531, 54.0291



41.7551, 48.5282, 36.8736

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.



27.3897, 34.6531, 31.2647



36.9944, 34.6531, 54.0291



32.0778, 34.6531, 22.4069

Square

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



36.9944, 34.6531, 54.0291



38.2214, 34.6531, 27.6242



29.1872, 34.6531, 25.0926



28.1631, 34.6531, 50.0445

Rectangle

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



36.9944, 34.6531, 54.0291



39.7116, 34.6531, 38.4261



29.1872, 34.6531, 25.0926



26.9798, 34.6531, 37.0450

Sweetspot

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



36.9955, 34.6546, 54.0299



81.4318, 83.0841, 100.0240



37.5095, 40.7490, 55.1791



17.7153, 18.0113, 21.9281



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.9955, 34.6546, 54.0299



61.5848, 55.7162, 95.7876



41.4709, 36.9617, 54.2393



9.4004, 9.4233, 11.9956



8.6282, 3.7341, 32.6589



0.4131, 0.1850, 1.2828

Inverse Universe

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



40.3552, 36.5903, 44.9817



68.9086, 59.9389, 75.9234



37.7404, 46.4585, 36.6857



9.7495, 9.6241, 11.0697



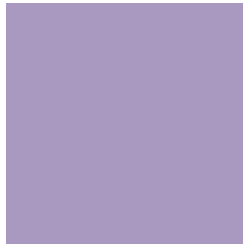
15.9313, 8.0037, 10.1979



0.6563, 0.3264, 0.5695

Previews

White Background



This preview shows how the XYZ color 36.9944, 34.6531, 54.0291 looks on a white background.

Color Contrast Check

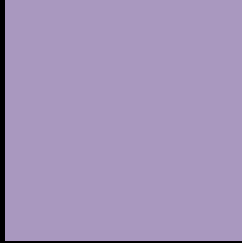
Large Text (above 18pt) WCAG AA × Fail

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 36.9944, 34.6531, 54.0291 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 36.9944, 34.6531, 54.0291

Background



This preview shows how black text looks on a background with the XYZ color 36.9944, 34.6531, 54.0291.



This preview shows how white text looks on a background with the XYZ color 36.9944, 34.6531,

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

36.9944, 34.6531, 54.0291

Protanopia

34.8397, 34.9732, 56.5440

Deuteranopia

35.3137, 34.5313, 53.5192



Tritanopia

34.4734, 34.6034, 41.9080

Trichromacy



Original Color

36.9944, 34.6531, 54.0291

Protanomaly

35.7266, 34.9411, 55.9002

Deuteranomaly

35.9541, 34.6154, 53.5017

Tritanomaly

35.2837, 34.6843, 45.9094

Monochromacy



Original Color

36.9944, 34.6531, 54.0291

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.2867, 35.4702, 44.5218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9944, 34.6531, 54.0291 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(169, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 191)  
}
```

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(169, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 191) }
```

Border

The CSS property to change the border of an element to XYZ 36.9944, 34.6531, 54.0291 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(169, 152, 191) }
```


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

```
.border{ border-color:rgb(169, 152, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9944, 34.6531, 54.0291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 191) }
```

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

```
.background{ background-color: rgb(169,  
152, 191) }
```

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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