

Converting Colors

XYZ(54.2013, 48.2705,
105.7960)

Have a look what the booklet for
XYZ(54.2013, 48.2705, 105.7960)
contains.

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Color

**XYZ(53.1936, 47.8064,
101.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AEFF
RGB	185, 174, 255
RGB Percent	73%, 68%, 100%
CMY	0.2745, 0.3176, 0.0000
CMYK	0.27, 0.32, 0.00, 0.00
HSL	248°, 100%, 84%
HSV	248°, 32%, 100%
XYZ	53.1936, 47.8064, 101.0317
YIQ	186.5230, -19.4450, 27.5230

Conversions

Conversions Part 2

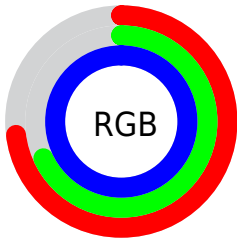
Format	Color
RYB	185, 174, 255
Decimal	12168959
CIELab	74.70, 21.08, -38.69
CIELCh	75, 44.061, 298.589
Yxy	47.8064, 0.2633, 0.2366
Android (android.graphics.Color)	4290359039 (0xFFB9AEFF)
YUV	186.5230, 33.7592, -1.3357
Hunter-Lab	69.1422, 16.3278, -38.2360

Details

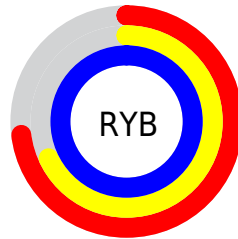
The XYZ color **53.1936, 47.8064, 101.0317** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.7088, 93.8094, 53.8995**, and the grayscale version is **46.7910, 49.2277, 53.6090**.

A 20% lighter version of the original color is **82.9648, 82.6909, 106.1960**, and **26.3585, 22.7421, 56.4265** is the 20% darker color. If you saturate the color by 10%, you get **43.8164, 36.3411, 99.3129**, and if you desaturate by 10%, it is **64.3329, 61.5702, 103.1013**.

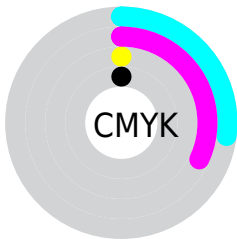
Distribution



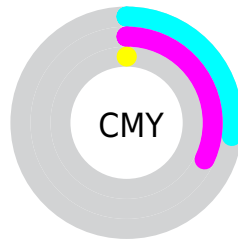
- Red (73%)
- Green (68%)
- Blue (100%)



- Red (73%)
- Yellow (68%)
- Blue (100%)



- Cyan (27%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1936, 47.8064, 101.0317 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 53.1936, 47.8064, 101.0317 by changing the saturation by 10% instead.

■ 53.1936, 47.8064,
101.0317

■ 53.1936, 47.8064,
101.0317

389.2762,
378.0242, 584.7703

■ 38.1854, 33.6736,
76.5408

■ 94.0530, 86.9161,
164.6385

■ 26.3045, 22.6430,
56.3667

120.6350,
112.6618, 204.5914

■ 17.1855, 14.3301,
40.0911

151.8057,
143.0472, 250.5354

■ 10.4629, 8.3506,
27.2952

187.9303,
178.4567, 302.8890

■ 5.7716, 4.3201,
17.5607

229.3743,
219.2748, 362.0707

■ 2.7460, 1.8542,
10.4689

276.5031,

■ 1.0209, 0.5206,

265.8858, 428.4992

5.6013

329.6819,
318.6742, 502.5928

■ 0.0000, 0.0000,
2.5393

■ 0.0000, 0.0000,
0.8609

■ 53.1936, 47.8064,
101.0317

■ 53.1936, 47.8064,
101.0317

■ 43.8164, 36.3411,
99.3129

■ 64.3329, 61.5702,
103.1013

■ 36.1058, 27.0433,
97.9246

■ 77.3140, 77.7432,
105.5388

■ 29.9643, 19.7771,
96.8458

■ 92.2172, 96.4352,
108.3612

■ 25.2819, 14.3886,
96.0525

■ 95.0500, 100.0000,
108.9000

■ 21.9342, 10.7021,
95.5174

■ 19.7749, 8.5074,
95.2076

■ 18.7306, 7.5709,
95.0819

Harmonies

Analogous

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



45.0614, 47.8064, 109.5889



53.1936, 47.8064, 101.0317



59.8514, 47.8064, 78.5149

Triad

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



53.1936, 47.8064, 101.0317



53.9245, 47.8064, 22.8087



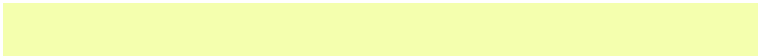
31.7459, 47.8064, 50.9774

Complementary

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



53.1936, 47.8064, 101.0317



80.7088, 93.8094, 53.8995

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.



33.5479, 47.8064, 32.3252



53.1936, 47.8064, 101.0317



45.8178, 47.8064, 19.2945

Square

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



53.1936, 47.8064, 101.0317



60.3070, 47.8064, 33.7100



38.4764, 47.8064, 22.1895



33.2399, 47.8064, 76.0732

Rectangle

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



53.1936, 47.8064, 101.0317



62.2224, 47.8064, 61.2517



38.4764, 47.8064, 22.1895



31.9819, 47.8064, 43.8248

Sweetspot

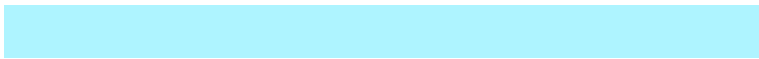
The Sweet Spot groups the original color and five complimentary colors.



53.1951, 47.8082, 101.0320



79.8000, 80.8531, 106.0080



67.9174, 81.0412, 106.6706



16.6553, 16.7740, 22.6098



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.1951, 47.8082, 101.0320



47.1450, 40.3949, 99.9199



64.3322, 53.5496, 101.5532



17.2323, 17.4960, 22.7188



9.8568, 3.9918, 49.6856



1.0267, 0.4232, 4.8408

Inverse Universe

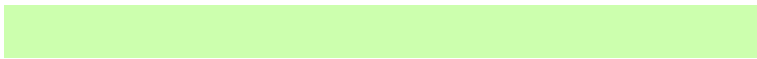
The Inverse Universe completely reimagines the original color for something new.



72.7060, 58.0652, 92.9642



69.4871, 52.1491, 90.2826



68.2207, 87.3715, 53.3151



18.6803, 18.2554, 22.1995



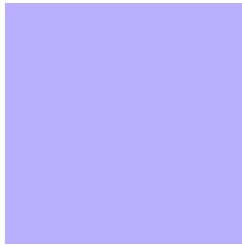
28.3657, 13.8356, 36.9057



2.7899, 1.3584, 3.7412

Previews

White Background



This preview shows how the XYZ color 53.1936, 47.8064, 101.0317 looks on a white background.

Color Contrast Check

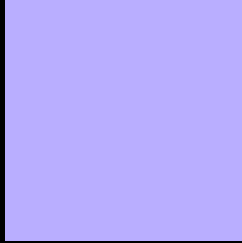
Large Text (above 18pt) WCAG AA × Fail

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 53.1936, 47.8064, 101.0317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

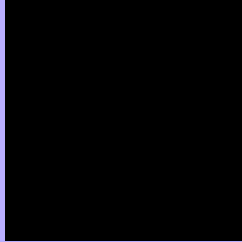
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1936, 47.8064, 101.0317

Background



This preview shows how black text looks on a background with the XYZ color 53.1936, 47.8064, 101.0317.



This preview shows how white text looks on a background with the XYZ color 53.1936, 47.8064,

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

53.1936, 47.8064, 101.0317

Protanopia

49.2718, 47.8448, 101.2458

Deuteranopia

48.9514, 47.7167, 99.5587



Tritanopia

45.2298, 47.8667, 61.4989

Trichromacy



Original Color

53.1936, 47.8064, 101.0317

Protanomaly

50.5480, 47.6068, 101.1326

Deuteranomaly

50.3874, 47.5426, 100.2869

Tritanomaly

47.8022, 47.6800, 74.3939

Monochromacy



Original Color

53.1936, 47.8064, 101.0317

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.8613, 48.6485, 69.1022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1936, 47.8064, 101.0317 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(185, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 255)  
}
```

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(185, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.1936, 47.8064, 101.0317 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(185, 174, 255) }
```


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

```
.border{ border-color:rgb(185, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1936, 47.8064, 101.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 255) }
```

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

```
.background{ background-color: rgb(185,  
174, 255) }
```

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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