

Converting Colors

XYZ(46.3472, 37.6604, 93.6358)

Have a look what the booklet for
XYZ(46.3472, 37.6604, 93.6358)
contains.

| | |
|--|----|
| XYZ(46.3556, 37.6604, 93.6329) | 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(46.3556, 37.6604,
93.6329)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B494F8 |
| RGB | 180, 148, 248 |
| RGB Percent | 71%, 58%, 97% |
| CMY | 0.2941, 0.4196, 0.0274 |
| CMYK | 0.27, 0.40, 0.00, 0.03 |
| HSL | 259°, 88%, 78% |
| HSV | 259°, 40%, 97% |
| XYZ | 46.3556, 37.6604, 93.6329 |
| YIQ | 168.9680, -13.0280, 37.8840 |

Conversions

Conversions Part 2

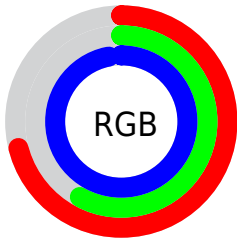
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 148, 248 |
| Decimal | 11834616 |
| CIELab | 67.77, 32.50, -45.76 |
| CIElCh | 68, 56.124, 305.381 |
| Yxy | 37.6604, 0.2609, 0.2120 |
| Android (android.graphics.Color) | 4290024696 (0xFFB494F8) |
| YUV | 168.9680, 38.9628, 9.6751 |
| Hunter-Lab | 61.3681, 27.4394, -47.5046 |

Details

The XYZ color **46.3556, 37.6604, 93.6329** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.2322, 83.8725, 40.6638**, and the grayscale version is **37.5155, 39.4693, 42.9820**.

A 20% lighter version of the original color is **74.4304, 67.6382, 103.7403**, and **22.1361, 16.6710, 51.3413** is the 20% darker color. If you saturate the color by 10%, you get **39.1844, 28.7950, 92.3003**, and if you desaturate by 10%, it is **54.8405, 48.4415, 95.2673**.

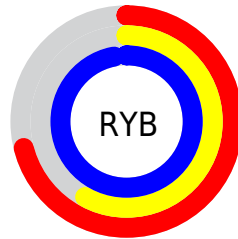
Distribution



Red (71%)

Green (58%)

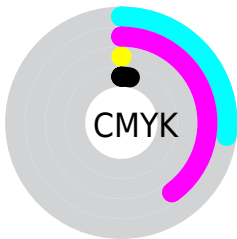
Blue (97%)



Red (71%)

Yellow (58%)

Blue (97%)

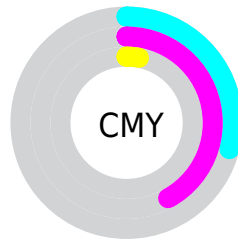


Cyan (27%)

Magenta (40%)

Yellow (0%)

Black (3%)



Cyan (29%)

Magenta (42%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3556, 37.6604, 93.6329 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 46.3556, 37.6604, 93.6329 by changing the saturation by 10% instead.

46.3556, 37.6604,
93.6329

46.3556, 37.6604,
93.6329

362.9285,
336.1609, 560.6512

32.7323, 25.7192,
70.4071

83.9755, 71.5873,
154.3538

22.0797, 16.6137,
51.3796

108.7029, 94.3419,
192.6860

14.0324, 9.9595,
36.1320

137.8624,
121.4696, 236.8907

8.2251, 5.3721,
24.2456

171.8193,
153.3550, 287.3865

4.2923, 2.4672,
15.3021

210.9390,
190.3825, 344.5919

1.8688, 0.8601,
8.8827

255.5869,

0.5586, 0.0000,

232.9363, 408.9255

4.5690

306.1282,
281.4010, 480.8057

■ 0.0000, 0.0000,
1.9424

■ 0.0000, 0.0000,
0.5195

■ 46.3556, 37.6604,
93.6329

■ 46.3556, 37.6604,
93.6329

■ 39.1844, 28.7950,
92.3003

■ 54.8405, 48.4415,
95.2673

■ 33.2520, 21.7246,
91.2483

■ 64.7000, 61.2401,
97.2181

■ 28.4817, 16.3215,
90.4568

■ 75.9963, 76.1560,
99.5017

■ 24.7855, 12.4383,
89.9021

■ 88.7861, 93.2810,
102.1331

■ 22.0608, 9.9005,
89.5558

■ 93.9434, 99.5574,
103.0727

■ 20.1981, 8.4552,
89.3751

Harmonies

Analogous

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



37.3834, 37.6604, 109.3853



46.3556, 37.6604, 93.6329



53.2146, 37.6604, 64.3172

Triad

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



46.3556, 37.6604, 93.6329



43.2084, 37.6604, 11.0923



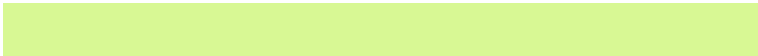
21.6161, 37.6604, 45.6542

Complementary

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



46.3556, 37.6604, 93.6329



67.2322, 83.8725, 40.6638

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.



22.6641, 37.6604, 24.1416



46.3556, 37.6604, 93.6329



34.2524, 37.6604, 9.4512

Square

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



46.3556, 37.6604, 93.6329



51.2015, 37.6604, 19.0876



26.9742, 37.6604, 13.0750



23.8380, 37.6604, 75.3793

Rectangle

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



46.3556, 37.6604, 93.6329



55.1432, 37.6604, 44.9769



26.9742, 37.6604, 13.0750



21.6023, 37.6604, 37.2755

Sweetspot

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



46.3570, 37.6619, 93.6338



78.8082, 78.2716, 105.5620



53.7985, 62.3571, 98.0082



16.5196, 16.2913, 22.5238



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.



46.3570, 37.6619, 93.6338



43.3455, 32.6303, 98.6215



60.0604, 44.7263, 94.2751



16.8059, 16.9126, 21.7640



11.0396, 4.6338, 48.2861



1.1278, 0.4835, 4.4771

Inverse Universe

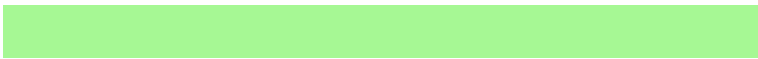
The Inverse Universe completely reimagines the original color for something new.



61.6968, 46.0953, 70.6116



61.9457, 42.8749, 69.8619



54.7096, 77.4169, 40.0777



17.7429, 17.4245, 20.5017



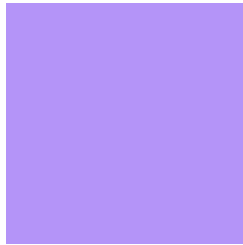
24.8289, 12.3473, 21.6053



2.3479, 1.1629, 2.2553

Previews

White Background



This preview shows how the XYZ color 46.3556, 37.6604, 93.6329 looks on a white background.

Color Contrast Check

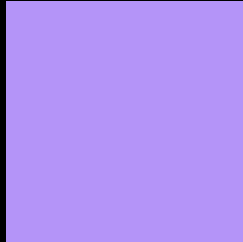
Large Text (above 18pt) WCAG AA × Fail

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 46.3556, 37.6604, 93.6329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

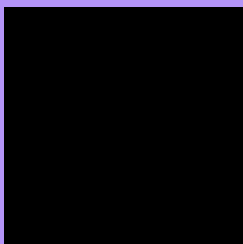
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3556, 37.6604, 93.6329

Background



This preview shows how black text looks on a background with the XYZ color 46.3556, 37.6604, 93.6329.



This preview shows how white text looks on a background with the XYZ color 46.3556, 37.6604,

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

46.3556, 37.6604, 93.6329

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

38.9628, 37.8893, 91.6460



Tritanopia

36.6596, 37.4360, 46.3680

Trichromacy



Original Color

46.3556, 37.6604, 93.6329

Protanomaly

42.0221, 37.5318, 97.1250

Deuteranomaly

41.0742, 37.4034, 92.2435

Tritanomaly

39.6821, 37.3759, 60.9999

Monochromacy



Original Color

46.3556, 37.6604, 93.6329

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.1715, 38.4512, 58.7306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3556, 37.6604, 93.6329 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(180, 148, 248)` looks like.

```
.text, #text, p{  
    color:rgb(180, 148, 248)  
}
```

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(180, 148, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 148, 248) }
```

Border

The CSS property to change the border of an element to XYZ 46.3556, 37.6604, 93.6329 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(180, 148, 248) }
```


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

```
.border{ border-color:rgb(180, 148, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 148, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 148, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 148, 248);  
box-shadow:4px 4px 4px 4px rgb(180, 148,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3556, 37.6604, 93.6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 148, 248) }
```

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

```
.background{ background-color: rgb(180,  
148, 248) }
```

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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