

Converting Colors

XYZ(47.4051, 43.6590,
101.4388)

Have a look what the booklet for
XYZ(47.4051, 43.6590, 101.4388)
contains.

XYZ(47.3250, 43.6508, 100.5389)	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(47.3250, 43.6508,
100.5389)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AAFF
RGB	162, 170, 255
RGB Percent	64%, 67%, 100%
CMY	0.3647, 0.3333, 0.0000
CMYK	0.36, 0.33, 0.00, 0.00
HSL	235°, 100%, 82%
HSV	235°, 36%, 100%
XYZ	47.3250, 43.6508, 100.5389
YIQ	177.2980, -32.0530, 24.7390

Conversions

Conversions Part 2

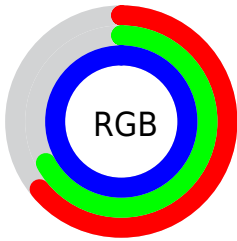
Format	Color
R _Y B	162, 169, 255
Decimal	10660607
CIE Lab	71.99, 17.01, -43.04
CIE LCh	72, 46.280, 291.565
Yxy	43.6508, 0.2471, 0.2279
Android (android.graphics.Color)	4288850687 (0xFFA2AAFF)
YUV	177.2980, 38.3071, -13.4163
Hunter-Lab	66.0688, 12.2391, -43.9753

Details

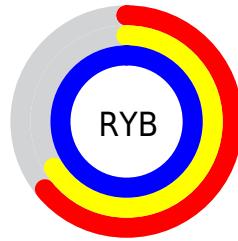
The XYZ color **47.3250, 43.6508, 100.5389** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.0231, 90.3910, 47.3612**, and the grayscale version is **41.7647, 43.9398, 47.8504**.

A 20% lighter version of the original color is **74.1886, 76.1305, 105.3922**, and **22.7349, 20.1599, 56.1191** is the 20% darker color. If you saturate the color by 10%, you get **38.6720, 33.2697, 98.9912**, and if you desaturate by 10%, it is **57.8056, 56.1255, 102.3944**.

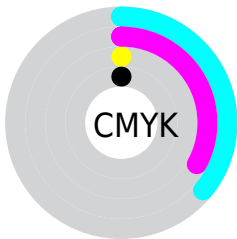
Distribution



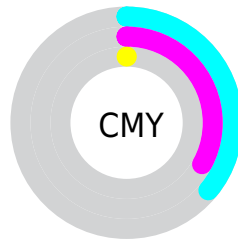
- Red (64%)
- Green (67%)
- Blue (100%)



- Red (64%)
- Yellow (66%)
- Blue (100%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3250, 43.6508, 100.5389 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 47.3250, 43.6508, 100.5389 by changing the saturation by 10% instead.

47.3250, 43.6508,
100.5389

47.3250, 43.6508,
100.5389

366.7376,
361.2814, 583.1805

33.5017, 30.3961,
76.1313

85.4143, 80.6920,
163.9559

22.6721, 20.1394,
56.0329

110.4111,
105.2473, 203.8023

14.4709, 12.4964,
39.8251

139.8630,
134.3382, 249.6321

8.5328, 7.0827,
27.0895

174.1354,
168.3492, 301.8639

4.4924, 3.5139,
17.4074

213.5937,
207.6646, 360.9160

1.9843, 1.4055,
10.3604

258.6033,

0.6251, 0.2208,

252.6689, 427.2071

5.5298

309.5295,
303.7463, 501.1558

■ 0.0000, 0.0000,
2.4972

■ 0.0000, 0.0000,
0.8387

■ 47.3250, 43.6508,
100.5389

■ 47.3250, 43.6508,
100.5389

■ 38.6720, 33.2697,
98.9912

■ 57.8056, 56.1255,
102.3944

■ 31.7375, 24.8626,
97.7340

■ 70.2058, 70.7949,
104.5723

■ 26.4074, 18.3053,
96.7492

■ 84.6168, 87.7593,
107.0872

■ 22.5520, 13.4573,
96.0166

95.0500, 100.0000,
108.9000

■ 20.0210, 10.1580,
95.5132

■ 18.6311, 8.2149,
95.2114

■ 18.3356, 7.7913,
95.1452

Harmonies

Analogous

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



39.3007, 43.6508, 104.8406



47.3250, 43.6508, 100.5389



54.5583, 43.6508, 80.0167

Triad

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



47.3250, 43.6508, 100.5389



51.6636, 43.6508, 20.9507



28.2062, 43.6508, 41.4295

Complementary

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



47.3250, 43.6508, 100.5389



81.0231, 90.3910, 47.3612

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.



30.6933, 43.6508, 25.2937



47.3250, 43.6508, 100.5389



43.7566, 43.6508, 16.1806

Square

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



47.3250, 43.6508, 100.5389



57.2762, 43.6508, 33.2670



36.1533, 43.6508, 17.4684



28.9069, 43.6508, 65.3746

Rectangle

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



47.3250, 43.6508, 100.5389



57.6287, 43.6508, 62.6520



36.1533, 43.6508, 17.4684



28.6845, 43.6508, 35.0582

Sweetspot

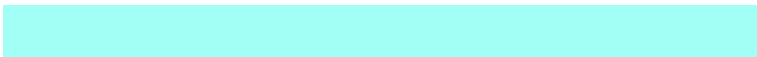
The Sweet Spot groups the original color and five complimentary colors.



47.3264, 43.6524, 100.5391



77.8326, 79.7823, 105.9051



67.2497, 85.8372, 99.9717



16.2425, 16.5859, 22.5953



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.



47.3264, 43.6524, 100.5391



40.6446, 35.6449, 99.3457



54.5780, 45.2319, 100.4618



17.1286, 17.6287, 22.7499



9.6235, 4.1567, 49.7297



0.9778, 0.4864, 4.8556

Inverse Universe

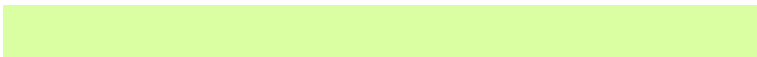
The Inverse Universe completely reimagines the original color for something new.



61.4170, 50.0045, 44.4465



56.7370, 43.1267, 35.2336



71.1361, 89.0036, 47.6145



18.0728, 18.0124, 19.0005



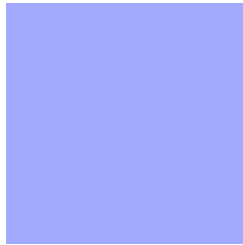
21.6457, 11.1476, 1.5189



2.1282, 1.0936, 0.2564

Previews

White Background



This preview shows how the XYZ color 47.3250, 43.6508, 100.5389 looks on a white background.

Color Contrast Check

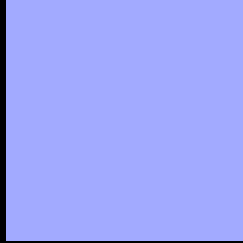
Large Text (above 18pt) WCAG AA × Fail

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 47.3250, 43.6508, 100.5389 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 47.3250, 43.6508, 100.5389

Background



This preview shows how black text looks on a background with the XYZ color 47.3250, 43.6508, 100.5389.



This preview shows how white text looks on a background with the XYZ color 47.3250, 43.6508,

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

47.3250, 43.6508, 100.5389

Protanopia

45.5712, 43.5912, 100.6198

Deuteranopia

45.0734, 43.9267, 99.8690



Tritanopia

38.9045, 43.7373, 58.6162

Trichromacy



Original Color

47.3250, 43.6508, 100.5389

Protanomaly

46.1289, 43.5951, 100.5912

Deuteranomaly

45.7819, 43.7183, 99.7914

Tritanomaly

41.5816, 43.6228, 71.8741

Monochromacy



Original Color

47.3250, 43.6508, 100.5389

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.1688, 43.4505, 63.8692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3250, 43.6508, 100.5389 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(162, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 170, 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(162, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 170, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.3250, 43.6508, 100.5389 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(162, 170, 255) }
```


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

```
.border{ border-color:rgb(162, 170, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 170,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3250, 43.6508, 100.5389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 170, 255) }
```

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

```
.background{ background-color: rgb(162,  
170, 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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