

Converting Colors

XYZ(50.9615, 48.5802,
119.0788)

Have a look what the booklet for
XYZ(50.9615, 48.5802, 119.0788)
contains.

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Color

**XYZ(47.5404, 47.2552,
101.2233)**

Conversions

Conversions Part 1

Format	Color
Hex	97B6FF
RGB	151, 182, 255
RGB Percent	59%, 71%, 100%
CMY	0.4078, 0.2863, 0.0000
CMYK	0.41, 0.29, 0.00, 0.00
HSL	222°, 100%, 80%
HSV	222°, 41%, 100%
XYZ	47.5404, 47.2552, 101.2233
YIQ	181.0530, -41.9090, 16.1310

Conversions

Conversions Part 2

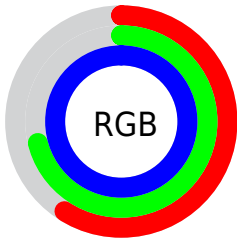
Format	Color
R_{YB}	151, 175, 255
Decimal	9942783
CIE Lab	74.35, 7.45, -39.42
CIE LCh	74, 40.112, 280.698
Yxy	47.2552, 0.2425, 0.2411
Android (android.graphics.Color)	4288132863 (0xFF97B6FF)
YUV	181.0530, 36.4559, -26.3565
Hunter-Lab	68.7424, 3.1465, -39.1849

Details

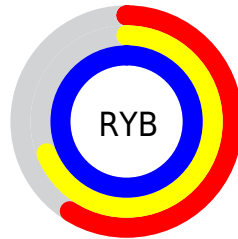
The XYZ color **47.5404, 47.2552, 101.2233** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.4822, 76.8064, 40.2321**, and the grayscale version is **43.7763, 46.0561, 50.1551**.

A 20% lighter version of the original color is **74.6370, 81.7790, 106.4589**, and **22.7626, 22.2106, 56.5134** is the 20% darker color. If you saturate the color by 10%, you get **39.8754, 38.2062, 99.8806**, and if you desaturate by 10%, it is **56.7003, 57.7722, 102.7705**.

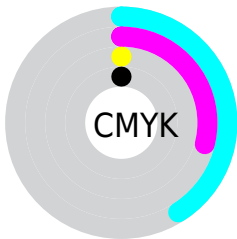
Distribution



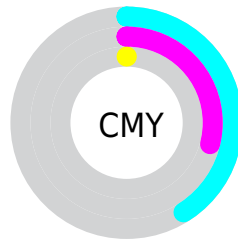
- Red (59%)
- Green (71%)
- Blue (100%)



- Red (59%)
- Yellow (69%)
- Blue (100%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5404, 47.2552, 101.2233 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 47.5404, 47.2552, 101.2233 by changing the saturation by 10% instead.

■ 47.5404, 47.2552,
101.2233

■ 47.5404, 47.2552,
101.2233

367.5805,
375.8323, 585.3877

■ 33.6728, 33.2374,
76.7000

■ 85.7336, 86.0944,
164.9038

■ 22.8040, 22.3084,
56.4966

■ 110.7898,
111.6847, 204.8980

■ 14.5688, 14.0837,
40.1945

140.3064,
141.9013, 250.8863

■ 8.6016, 8.1789,
27.3753

174.6485,
177.1285, 303.2873

■ 4.5373, 4.2096,
17.6204

214.1816,
217.7508, 362.5193

■ 2.0104, 1.7915,
10.5112

259.2711,

■ 0.6398, 0.4819,

264.1526, 429.0011

5.6292

310.2823,
316.7183, 503.1510

■ 0.0000, 0.0000,
2.5558

■ 0.0000, 0.0000,
0.8695

■ 47.5404, 47.2552,
101.2233

■ 47.5404, 47.2552,
101.2233

■ 39.8754, 38.2062,
99.8806

■ 56.7003, 57.7722,
102.7705

■ 33.6165, 30.5506,
98.7328

■ 67.4281, 69.8169,
104.5299

■ 28.6722, 24.2143,
97.7704

■ 79.7970, 83.4514,
106.5097

■ 24.9368, 19.1130,
96.9826

■ 93.8743, 98.7329,
108.7174

■ 22.2863, 15.1508,
96.3575

95.0500, 100.0000,
108.9000

■ 20.6351, 12.3903,
95.9117

Harmonies

Analogous

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



40.4816, 47.2552, 98.8193



47.5404, 47.2552, 101.2233



54.5856, 47.2552, 87.8524

Triad

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



47.5404, 47.2552, 101.2233



56.2796, 47.2552, 29.6437



33.0485, 47.2552, 39.4013

Complementary

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



47.5404, 47.2552, 101.2233



73.4822, 76.8064, 40.2321

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.



36.4593, 47.2552, 26.8189



47.5404, 47.2552, 101.2233



49.6601, 47.2552, 22.3186

Square

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



47.5404, 47.2552, 101.2233



59.9784, 47.2552, 44.4219



42.3874, 47.2552, 21.4458



32.6112, 47.2552, 59.1891

Rectangle

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



47.5404, 47.2552, 101.2233



58.1367, 47.2552, 73.4597



42.3874, 47.2552, 21.4458



33.8666, 47.2552, 34.3489

Sweetspot

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



47.5419, 47.2569, 101.2235



78.2013, 81.7047, 106.2567



61.9509, 83.4708, 83.2261



16.3778, 17.0928, 22.6860



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.



47.5419, 47.2569, 101.2235



41.1364, 39.7154, 100.1055



46.0874, 38.1030, 99.5333



17.4443, 18.2602, 22.8551



10.8950, 6.6996, 50.1535



1.1512, 0.8332, 4.9134

Inverse Universe

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



60.7511, 46.7721, 50.0837



56.2316, 40.0395, 41.4670



75.3439, 91.2809, 42.9279



18.2322, 18.0762, 19.8397



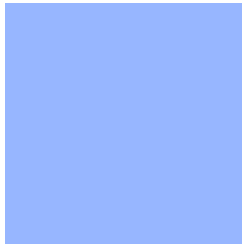
22.2875, 11.4043, 4.8984



2.2157, 1.1287, 0.7173

Previews

White Background



This preview shows how the XYZ color 47.5404, 47.2552, 101.2233 looks on a white background.

Color Contrast Check

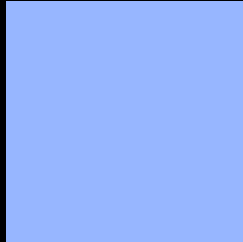
Large Text (above 18pt) WCAG AA × Fail

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 47.5404, 47.2552, 101.2233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

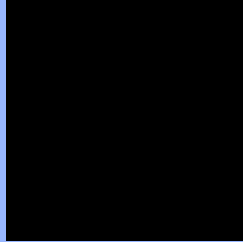
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5404, 47.2552, 101.2233

Background



This preview shows how black text looks on a background with the XYZ color 47.5404, 47.2552, 101.2233.



This preview shows how white text looks on a background with the XYZ color 47.5404, 47.2552,

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

47.5404, 47.2552, 101.2233

Protanopia

48.5481, 47.2079, 99.4818

Deuteranopia

48.2759, 47.0306, 101.1411



Tritanopia

40.3745, 47.1699, 66.0082

Trichromacy



Original Color

47.5404, 47.2552, 101.2233

Protanomaly

48.3179, 47.3716, 100.3629

Deuteranomaly

48.0914, 47.2363, 101.1906

Tritanomaly

42.7655, 47.1879, 77.3752

Monochromacy



Original Color

47.5404, 47.2552, 101.2233

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4866, 46.1479, 66.2372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5404, 47.2552, 101.2233 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(151, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 182, 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(151, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.5404, 47.2552, 101.2233 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(151, 182, 255) }
```


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

```
.border{ border-color:rgb(151, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 182,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5404, 47.2552, 101.2233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 182, 255) }
```

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

```
.background{ background-color: rgb(151,  
182, 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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