

Converting Colors

XYZ(47.3436, 51.7707, 95.4932)

Have a look what the booklet for
XYZ(47.3436, 51.7707, 95.4932)
contains.

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Color

**XYZ(47.3436, 51.7707,
95.4932)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8CC4F7 |
| RGB | 140, 196, 247 |
| RGB Percent | 55%, 77%, 97% |
| CMY | 0.4510, 0.2314, 0.0314 |
| CMYK | 0.43, 0.21, 0.00, 0.03 |
| HSL | 209°, 87%, 76% |
| HSV | 209°, 43%, 97% |
| XYZ | 47.3436, 51.7707, 95.4932 |
| YIQ | 185.0700, -49.7470, 3.9890 |

Conversions

Conversions Part 2

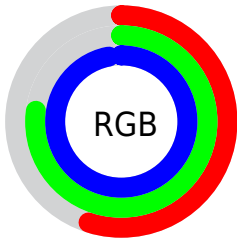
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 140, 177, 247 |
| Decimal | 9225463 |
| CIE Lab | 77.14, -5.13, -30.85 |
| CIE LCh | 77, 31.272, 260.555 |
| Yxy | 51.7707, 0.2433, 0.2660 |
| Android (android.graphics.Color) | 4287415543 (0xFF8CC4F7) |
| YUV | 185.0700, 30.5315, -39.5264 |
| Hunter-Lab | 71.9519, -8.4645, -28.3223 |

Details

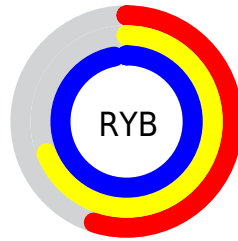
The XYZ color **47.3436, 51.7707, 95.4932** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.7234, 58.9305, 32.9342**, and the grayscale version is **46.0098, 48.4059, 52.7140**.

A 20% lighter version of the original color is **76.2012, 89.3409, 107.8360**, and **22.5345, 24.9027, 52.3342** is the 20% darker color. If you saturate the color by 10%, you get **41.0874, 44.7578, 94.4703**, and if you desaturate by 10%, it is **54.7457, 59.6858, 96.6318**.

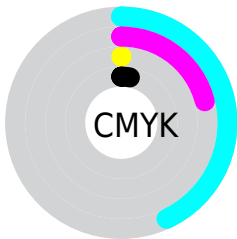
Distribution



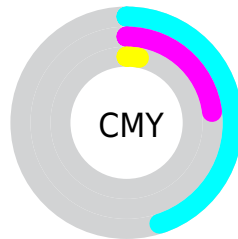
- Red (55%)
- Green (77%)
- Blue (97%)



- Red (55%)
- Yellow (69%)
- Blue (97%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (45%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3436, 51.7707, 95.4932 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 47.3436, 51.7707, 95.4932 by changing the saturation by 10% instead.

■ 47.3436, 51.7707,
95.4932

■ 47.3436, 51.7707,
95.4932

366.8104,
393.5507, 566.7673

■ 33.5165, 36.8223,
71.9464

■ 85.4419, 92.7930,
156.9472

■ 22.6835, 25.0700,
52.6283

■ 110.4438,
119.6357, 195.6915

■ 14.4794, 16.1292,
37.1204

139.9013,
151.2120, 240.3387

■ 8.5388, 9.6156,
25.0042

174.1797,
187.9062, 291.3074

■ 4.4963, 5.1449,
15.8612

213.6445,
230.1028, 349.0161

■ 1.9865, 2.3325,
9.2727

258.6610,

■ 0.6264, 0.7908,

278.1862, 413.8832

4.8202

309.5945,
332.5407, 486.3275

■ 0.0000, 0.0000,
2.0853

■ 0.0000, 0.0000,
0.6070

■ 47.3436, 51.7707,
95.4932

■ 47.3436, 51.7707,
95.4932

■ 41.0874, 44.7578,
94.4703

■ 54.7457, 59.6858,
96.6318

■ 35.9039, 38.5991,
93.5547

■ 63.3504, 68.5361,
97.8865

■ 31.7189, 33.2501,
92.7428

■ 73.2169, 78.3595,
99.2626

■ 28.4448, 28.6582,
92.0291

■ 84.3983, 89.1901,
100.7638

■ 25.9765, 24.7611,
91.4069

■ 93.7464, 99.4109,
102.2439

■ 24.6750, 22.4880,
91.0368

■ 93.7887, 99.4955,
102.2580

Harmonies

Analogous

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



42.2567, 51.7707, 85.8155



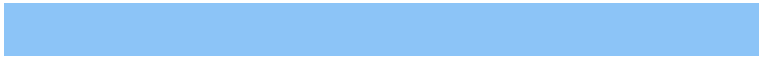
47.3436, 51.7707, 95.4932



53.3551, 51.7707, 93.1675

Triad

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



47.3436, 51.7707, 95.4932



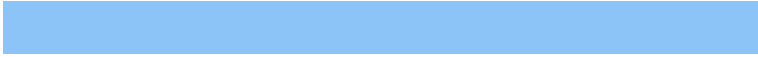
60.7772, 51.7707, 45.5799



40.8504, 51.7707, 37.9291

Complementary

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



47.3436, 51.7707, 95.4932



61.7234, 58.9305, 32.9342

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.



45.2787, 51.7707, 30.8157



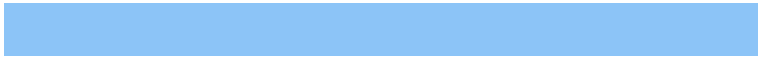
47.3436, 51.7707, 95.4932



56.8794, 51.7707, 34.5718

Square

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



47.3436, 51.7707, 95.4932



61.4429, 51.7707, 61.9480



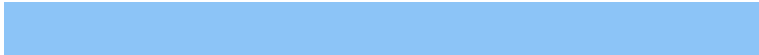
51.1176, 51.7707, 29.7256



38.7131, 51.7707, 51.1364

Rectangle

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



47.3436, 51.7707, 95.4932



57.0675, 51.7707, 85.2740



51.1176, 51.7707, 29.7256



42.1027, 51.7707, 34.8686

Sweetspot

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



47.3453, 51.7727, 95.4944



79.0533, 84.5759, 106.7660



53.3644, 75.8130, 60.4994



16.3911, 17.5817, 22.7797



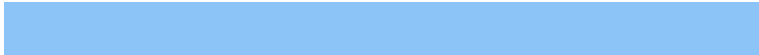
0.0000, 0.0000, 0.0000



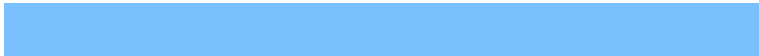
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3453, 51.7727, 95.4944



44.9383, 48.9978, 101.6968



37.5130, 32.1081, 92.2170



16.2989, 17.3620, 21.0347



13.1930, 12.1798, 48.1936



1.2624, 1.2763, 4.2700

Inverse Universe

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



57.7011, 42.5175, 57.3920



57.7409, 39.0744, 54.2512



75.2730, 86.0296, 37.4507



16.8614, 16.6274, 19.0169



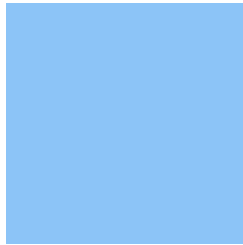
22.4637, 11.3289, 12.4163



2.0263, 1.0165, 1.3648

Previews

White Background



This preview shows how the XYZ color 47.3436, 51.7707, 95.4932 looks on a white background.

Color Contrast Check

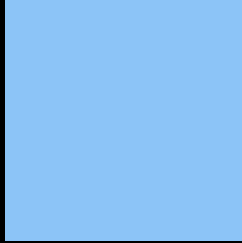
Large Text (above 18pt) WCAG AA × Fail

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 47.3436, 51.7707, 95.4932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

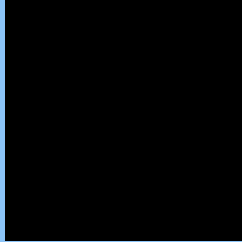
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

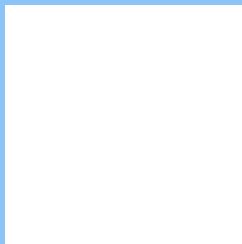
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3436, 51.7707, 95.4932

Background



This preview shows how black text looks on a background with the XYZ color 47.3436, 51.7707, 95.4932.



This preview shows how white text looks on a background with the XYZ color 47.3436, 51.7707,

95.4932.

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

47.3436, 51.7707, 95.4932

Protanopia

51.7649, 51.5474, 90.4404

Deuteranopia

52.7737, 51.6103, 96.8028



Tritanopia

42.9267, 51.6886, 73.3601

Trichromacy



Original Color

47.3436, 51.7707, 95.4932

Protanomaly

49.9127, 51.5192, 92.1075

Deuteranomaly

50.4610, 51.3908, 96.0668

Tritanomaly

44.4187, 51.5992, 81.0173

Monochromacy



Original Color

47.3436, 51.7707, 95.4932

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.9449, 49.3843, 66.7851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3436, 51.7707, 95.4932 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(140, 196, 247)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 247)  
}
```

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(140, 196, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 247) }
```

Border

The CSS property to change the border of an element to XYZ 47.3436, 51.7707, 95.4932 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(140, 196, 247) }
```


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

```
.border{ border-color:rgb(140, 196, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 196, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 196, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 196, 247);  
box-shadow:4px 4px 4px 4px rgb(140, 196,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3436, 51.7707, 95.4932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 247) }
```

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

```
.background{ background-color: rgb(140,  
196, 247) }
```

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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