

Converting Colors

XYZ(47.0651, 50.9620, 95.3517)

Have a look what the booklet for
XYZ(47.0651, 50.9620, 95.3517)
contains.

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Color

**XYZ(47.0648, 50.9617,
95.3517)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC2F7
RGB	141, 194, 247
RGB Percent	55%, 76%, 97%
CMY	0.4470, 0.2392, 0.0314
CMYK	0.43, 0.21, 0.00, 0.03
HSL	210°, 87%, 76%
HSV	210°, 43%, 97%
XYZ	47.0648, 50.9617, 95.3517
YIQ	184.1950, -48.6010, 5.2470

Conversions

Conversions Part 2

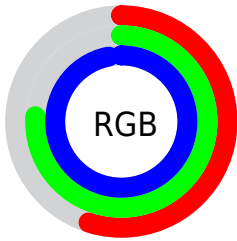
Format	Color
RYB	141, 176, 247
Decimal	9290487
CIELab	76.66, -3.81, -31.59
CIElCh	77, 31.823, 263.125
Yxy	50.9617, 0.2434, 0.2635
Android (android.graphics.Color)	4287480567 (0xFF8DC2F7)
YUV	184.1950, 30.9629, -37.8820
Hunter-Lab	71.3875, -7.2454, -29.2220

Details

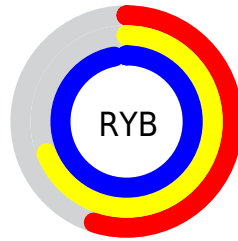
The XYZ color **47.0648, 50.9617, 95.3517** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.4586, 60.2823, 33.5449**, and the grayscale version is **45.5226, 47.8934, 52.1559**.

A 20% lighter version of the original color is **75.5243, 87.5970, 107.5351**, and **22.5655, 24.6988, 52.2932** is the 20% darker color. If you saturate the color by 10%, you get **40.6887, 43.7634, 94.2993**, and if you desaturate by 10%, it is **54.6092, 59.1035, 96.5265**.

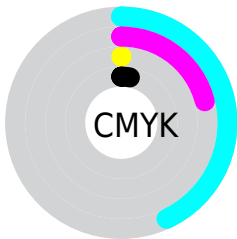
Distribution



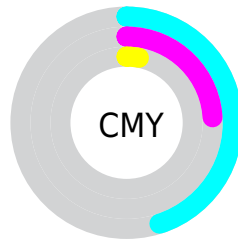
- Red (55%)
- Green (76%)
- Blue (97%)



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



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



- Cyan (45%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0648, 50.9617, 95.3517 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 47.0648, 50.9617, 95.3517 by changing the saturation by 10% instead.

■ 47.0648, 50.9617,
95.3517

■ 47.0648, 50.9617,
95.3517

365.7177,
390.4150, 566.3034

■ 33.2950, 36.1781,
71.8292

■ 85.0285, 91.5982,
156.7502

■ 22.5129, 24.5718,
52.5332

■ 109.9531,
118.2198, 195.4632

■ 14.3530, 15.7583,
37.0451

139.3268,
149.5563, 240.0769

■ 8.4499, 9.3533,
24.9463

173.5148,
185.9920, 291.0097

■ 4.4384, 4.9723,
15.8184

212.8826,
227.9114, 348.6803

■ 1.9530, 2.2310,
9.2428

257.7954,

■ 0.6074, 0.7368,

275.6987, 413.5070

4.8009

308.6187,
329.7384, 485.9085

■ 0.0000, 0.0000,
2.0742

■ 0.0000, 0.0000,
0.6004

■ 47.0648, 50.9617,
95.3517

■ 47.0648, 50.9617,
95.3517

■ 40.6887, 43.7634,
94.2993

■ 54.6092, 59.1035,
96.5265

■ 35.4074, 37.4594,
93.3608

■ 63.3793, 68.2232,
97.8246

■ 31.1459, 32.0035,
92.5323

■ 73.4347, 78.3601,
99.2512

■ 27.8168, 27.3418,
91.8080

■ 84.8291, 89.5494,
100.8104

■ 25.3146, 23.4107,
91.1811

■ 93.7887, 99.4955,
102.2580

■ 23.9340, 21.0061,
90.7897

Harmonies

Analogous

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



41.8164, 50.9617, 86.4676



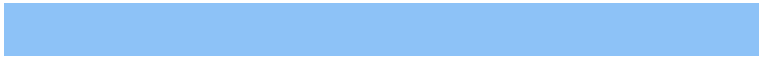
47.0648, 50.9617, 95.3517



53.1289, 50.9617, 91.9131

Triad

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



47.0648, 50.9617, 95.3517



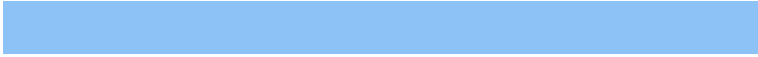
59.8854, 50.9617, 43.4572



39.7529, 50.9617, 37.8737

Complementary

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



47.0648, 50.9617, 95.3517



62.4586, 60.2823, 33.5449

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.



44.0309, 50.9617, 30.2380



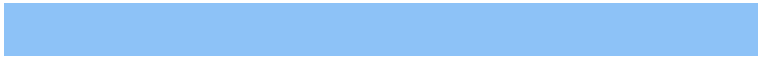
47.0648, 50.9617, 95.3517



55.7232, 50.9617, 32.9641

Square

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



47.0648, 50.9617, 95.3517



60.8666, 50.9617, 59.5533



49.8368, 50.9617, 28.6480



37.8274, 50.9617, 51.6133

Rectangle

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



47.0648, 50.9617, 95.3517



56.7918, 50.9617, 83.3809



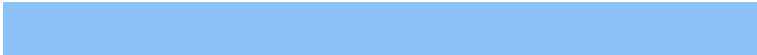
49.8368, 50.9617, 28.6480



40.9456, 50.9617, 34.6341

Sweetspot

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



47.0665, 50.9636, 95.3529



78.8267, 84.1228, 106.6905



53.7871, 76.0016, 61.8415



16.3352, 17.4700, 22.7610



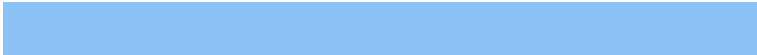
0.0000, 0.0000, 0.0000



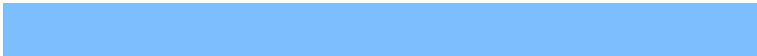
20.3446, 21.4041, 23.3091

Same Dimension

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



47.0665, 50.9636, 95.3529



44.9083, 48.3925, 101.5815



37.5622, 31.9549, 92.1848



16.2658, 17.2958, 21.0237



12.7999, 11.3935, 48.0626



1.2277, 1.2069, 4.2585

Inverse Universe

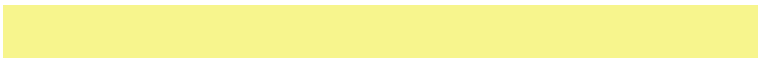
The Inverse Universe completely reimagines the original color for something new.



57.6217, 42.7207, 56.2498



57.8589, 39.6312, 53.3012



75.8897, 87.1444, 38.0219



16.8447, 16.6207, 18.9288



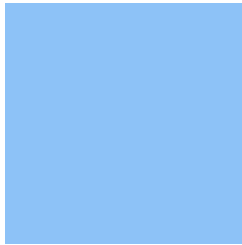
22.2653, 11.2496, 11.3713



2.0088, 1.0095, 1.2726

Previews

White Background



This preview shows how the XYZ color 47.0648, 50.9617, 95.3517 looks on a white background.

Color Contrast Check

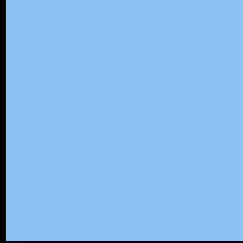
Large Text (above 18pt) WCAG AA × Fail

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 47.0648, 50.9617, 95.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

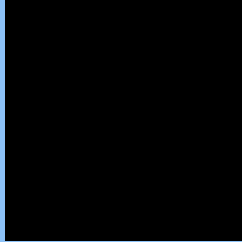
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

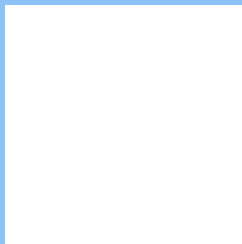
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0648, 50.9617, 95.3517

Background



This preview shows how black text looks on a background with the XYZ color 47.0648, 50.9617, 95.3517.



This preview shows how white text looks on a background with the XYZ color 47.0648, 50.9617,

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

47.0648, 50.9617, 95.3517

Protanopia

50.8916, 50.4674, 90.2780

Deuteranopia

52.1133, 50.9560, 96.7114



Tritanopia

42.5647, 51.1720, 72.5995

Trichromacy



Original Color

47.0648, 50.9617, 95.3517

Protanomaly

49.2755, 50.5476, 91.9536

Deuteranomaly

50.0412, 50.8539, 95.9853

Tritanomaly

44.0509, 51.0851, 80.2117

Monochromacy



Original Color

47.0648, 50.9617, 95.3517

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.3942, 48.7963, 66.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0648, 50.9617, 95.3517 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(141, 194, 247)` looks like.

```
.text, #text, p{  
    color:rgb(141, 194, 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(141, 194, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 194, 247) }
```

Border

The CSS property to change the border of an element to XYZ 47.0648, 50.9617, 95.3517 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(141, 194, 247) }
```


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

```
.border{ border-color:rgb(141, 194, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 194, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 194, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 194, 247);  
box-shadow:4px 4px 4px 4px rgb(141, 194,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0648, 50.9617, 95.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 194, 247) }
```

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

```
.background{ background-color: rgb(141,  
194, 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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