

Converting Colors

XYZ(47.7701, 53.3657, 94.9716)

Have a look what the booklet for
XYZ(47.7701, 53.3657, 94.9716)
contains.

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Color

**XYZ(47.7701, 53.3656,
94.9716)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC8F6
RGB	138, 200, 246
RGB Percent	54%, 78%, 96%
CMY	0.4588, 0.2157, 0.0353
CMYK	0.44, 0.19, 0.00, 0.04
HSL	206°, 86%, 75%
HSV	206°, 44%, 96%
XYZ	47.7701, 53.3656, 94.9716
YIQ	186.7060, -51.7180, 1.1620

Conversions

Conversions Part 2

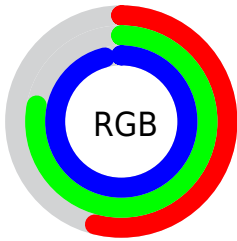
Format	Color
R _Y B	138, 177, 246
Decimal	9095414
CIE Lab	78.09, -8.03, -28.87
CIE LCh	78, 29.962, 254.461
Yxy	53.3656, 0.2436, 0.2721
Android (android.graphics.Color)	4287285494 (0xFF8AC8F6)
YUV	186.7060, 29.2319, -42.7152
Hunter-Lab	73.0518, -11.1156, -25.9443

Details

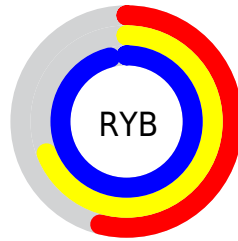
The XYZ color **47.7701, 53.3656, 94.9716** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.7355, 55.7106, 31.6516**, and the grayscale version is **46.9315, 49.3756, 53.7701**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **22.9665, 26.0248, 52.5280** is the 20% darker color. If you saturate the color by 10%, you get **41.8078, 46.8132, 94.0221**, and if you desaturate by 10%, it is **54.8238, 60.7299, 96.0222**.

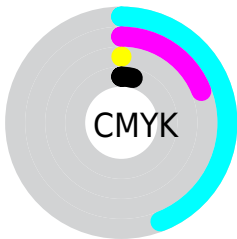
Distribution



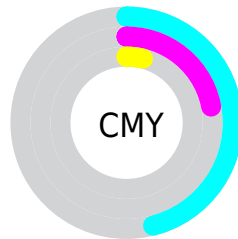
- Red (54%)
- Green (78%)
- Blue (96%)



- Red (54%)
- Yellow (69%)
- Blue (96%)



- Cyan (44%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7701, 53.3656, 94.9716 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 47.7701, 53.3656, 94.9716 by changing the saturation by 10% instead.

■ 47.7701, 53.3656,
94.9716

■ 47.7701, 53.3656,
94.9716

368.4779,
399.6862, 565.0561

■ 33.8554, 38.0947,
71.5146

■ 86.0738, 95.1421,
156.2206

■ 22.9449, 26.0562,
52.2778

■ 111.1934,
122.4166, 194.8497

■ 14.6733, 16.8657,
36.8428

140.7787,
154.4609, 239.3732

■ 8.6752, 10.1388,
24.7910

175.1951,
191.6597, 290.2097

■ 4.5854, 5.4911,
15.7038

214.8078,
234.3972, 347.7776

■ 2.0383, 2.5382,
9.1627

259.9823,

■ 0.6554, 0.8957,

283.0579, 412.4957

4.7492

311.0839,
338.0261, 484.7823

■ 0.0000, 0.0000,
2.0447

■ 0.0000, 0.0000,
0.5826

■ 47.7701, 53.3656,
94.9716

■ 47.7701, 53.3656,
94.9716

■ 41.8078, 46.8132,
94.0221

■ 54.8238, 60.7299,
96.0222

■ 36.8655, 41.0274,
93.1658

■ 63.0241, 68.9357,
97.1739

■ 32.8705, 35.9669,
92.3996

■ 72.4284, 78.0186,
98.4314

■ 29.7371, 31.5822,
91.7184

■ 83.0883, 88.0095,
99.7980

■ 27.3613, 27.8145,
91.1164

■ 92.8084, 97.7812,
101.1719

■ 26.1926, 25.7696,
90.7833

■ 93.6347, 99.4339,
101.4473

Harmonies

Analogous

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



43.1146, 53.3656, 83.6996



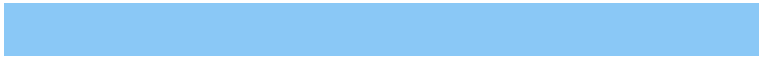
47.7701, 53.3656, 94.9716



53.5819, 53.3656, 95.1891

Triad

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



47.7701, 53.3656, 94.9716



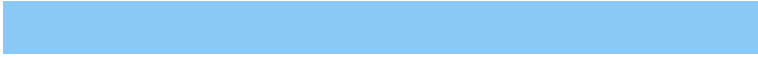
62.4052, 53.3656, 50.4311



43.2488, 53.3656, 38.0234

Complementary

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



47.7701, 53.3656, 94.9716



59.7355, 55.7106, 31.6516

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.



47.9665, 53.3656, 32.1738



47.7701, 53.3656, 94.9716



59.1763, 53.3656, 38.3470

Square

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



47.7701, 53.3656, 94.9716



62.3424, 53.3656, 67.1646



53.7939, 53.3656, 32.2796



40.6442, 53.3656, 49.9010

Rectangle

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



47.7701, 53.3656, 94.9716



57.3531, 53.3656, 88.8989



53.7939, 53.3656, 32.2796



44.6235, 53.3656, 35.3979

Sweetspot

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



47.7718, 53.3676, 94.9729



79.5482, 85.5659, 106.9310



51.9859, 74.7350, 56.4871



16.5132, 17.8261, 22.8204



0.0000, 0.0000, 0.0000



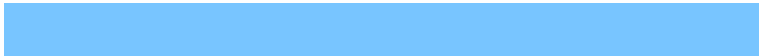
20.3446, 21.4041, 23.3091

Same Dimension

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



47.7718, 53.3676, 94.9729



45.8404, 51.3333, 102.1000



37.5513, 32.9266, 91.5660



16.3711, 17.5065, 21.0588



14.1224, 14.0386, 48.5034



1.3430, 1.4374, 4.2969

Inverse Universe

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



57.5214, 41.9418, 59.7094



58.0666, 38.7081, 57.4968



72.8789, 81.9974, 36.0327



16.8979, 16.6420, 19.2088



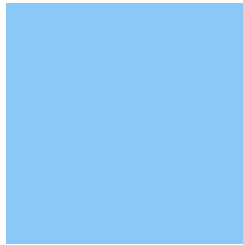
22.9329, 11.5166, 14.8867



2.0669, 1.0327, 1.5789

Previews

White Background



This preview shows how the XYZ color 47.7701, 53.3656, 94.9716 looks on a white background.

Color Contrast Check

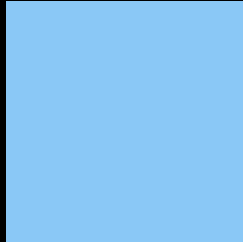
Large Text (above 18pt) WCAG AA × Fail

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 47.7701, 53.3656, 94.9716 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 47.7701, 53.3656, 94.9716

Background



This preview shows how black text looks on a background with the XYZ color 47.7701, 53.3656, 94.9716.



This preview shows how white text looks on a background with the XYZ color 47.7701, 53.3656,

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

47.7701, 53.3656, 94.9716

Protanopia

53.0495, 52.8827, 89.0727

Deuteranopia

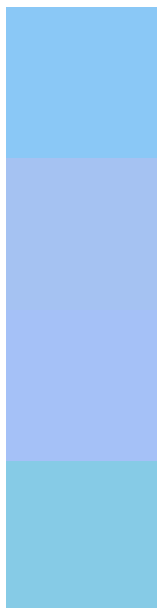
54.1969, 52.9963, 96.1798



Tritanopia

44.0041, 53.2315, 76.3621

Trichromacy



Original Color

47.7701, 53.3656, 94.9716

Protanomaly

50.8358, 52.9937, 91.5539

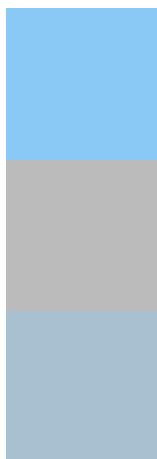
Deuteranomaly

51.3755, 52.8547, 95.4899

Tritanomaly

45.4704, 53.4934, 82.7916

Monochromacy



Original Color

47.7701, 53.3656, 94.9716

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.5970, 50.6884, 67.0024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7701, 53.3656, 94.9716 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(138, 200, 246)` looks like.

```
.text, #text, p{  
    color:rgb(138, 200, 246)  
}
```

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(138, 200, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 200, 246) }
```

Border

The CSS property to change the border of an element to XYZ 47.7701, 53.3656, 94.9716 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(138, 200, 246) }
```


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

```
.border{ border-color:rgb(138, 200, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 200, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 200, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 200, 246);  
box-shadow:4px 4px 4px 4px rgb(138, 200,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7701, 53.3656, 94.9716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 200, 246) }
```

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

```
.background{ background-color: rgb(138,  
200, 246) }
```

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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