

Converting Colors

XYZ(43.3204, 50.9082,
102.1508)

Have a look what the booklet for
XYZ(43.3204, 50.9082, 102.1508)
contains.

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Color

**XYZ(43.3204, 50.9082,
102.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC8FF
RGB	94, 200, 255
RGB Percent	37%, 78%, 100%
CMY	0.6313, 0.2157, 0.0000
CMYK	0.63, 0.22, 0.00, 0.00
HSL	200°, 100%, 68%
HSV	200°, 63%, 100%
XYZ	43.3204, 50.9082, 102.1508
YIQ	174.5760, -80.8310, -5.3670

Conversions

Conversions Part 2

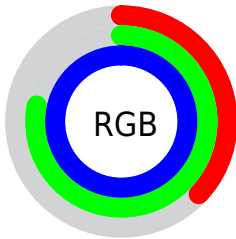
Format	Color
R _Y B	94, 158, 255
Decimal	6211839
CIE Lab	76.62, -14.45, -36.09
CIE LCh	77, 38.880, 248.181
Yxy	50.9082, 0.2206, 0.2592
Android (android.graphics.Color)	4284401919 (0xFF5EC8FF)
YUV	174.5760, 39.6490, -70.6652
Hunter-Lab	71.3500, -16.4855, -34.9397

Details

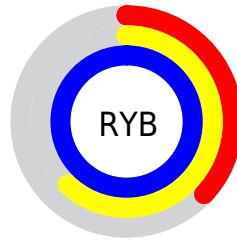
The XYZ color **43.3204, 50.9082, 102.1508** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **54.0094, 43.5654, 16.1543**, and the grayscale version is **40.3624, 42.4643, 46.2437**.

A 20% lighter version of the original color is **67.7146, 85.9081, 107.6207**, and **20.4719, 24.6350, 57.1021** is the 20% darker color. If you saturate the color by 10%, you get **39.1640, 45.8561, 101.3947**, and if you desaturate by 10%, it is **48.4582, 56.6387, 102.9861**.

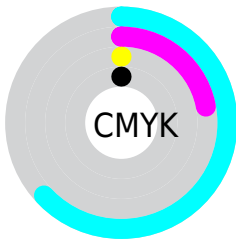
Distribution



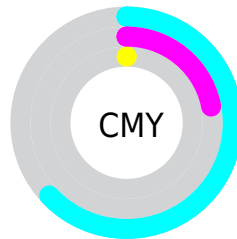
- Red (37%)
- Green (78%)
- Blue (100%)



- Red (37%)
- Yellow (62%)
- Blue (100%)



- Cyan (63%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3204, 50.9082, 102.1508 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 43.3204, 50.9082, 102.1508 by changing the saturation by 10% instead.

43.3204, 50.9082,
102.1508

43.3204, 50.9082,
102.1508

350.8270,
390.2070, 588.3720

30.3322, 36.1356,
77.4711

79.4468, 91.5191,
166.1873

20.2402, 24.5389,
57.1257

103.3158,
118.1261, 206.3813

12.6790, 15.7339,
40.6962

131.5423,
149.4467, 252.5837

7.2834, 9.3360,
27.7638

164.4919,
185.8652, 305.2131

3.6878, 4.9610,
17.9102

202.5298,
227.7661, 364.6881

1.5271, 2.2244,
10.7168

246.0213,

0.3442, 0.7332,

275.5338, 431.4273

5.7650

295.3320,
329.5526, 505.8490

■ 0.0000, 0.0000,
2.6362

■ 0.0000, 0.0000,
0.9111

■ 43.3204, 50.9082,
102.1508

■ 43.3204, 50.9082,
102.1508

■ 39.1640, 45.8561,
101.3947

■ 48.4582, 56.6387,
102.9861

■ 35.8936, 41.4278,
100.7123

■ 54.6513, 63.0858,
103.9041

■ 33.4011, 37.5653,
100.0982

■ 61.9714, 70.2899,
104.9088

■ 32.0318, 35.1836,
99.7106

■ 70.4822, 78.2865,
106.0037

■ 80.2423, 87.1086,
107.1922

■ 91.3065, 96.7866,
108.4771

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



38.1035, 50.9082, 84.4116



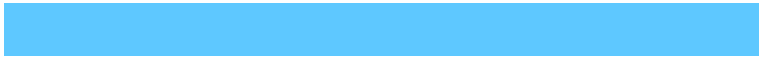
43.3204, 50.9082, 102.1508



50.4263, 50.9082, 105.9369

Triad

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



43.3204, 50.9082, 102.1508



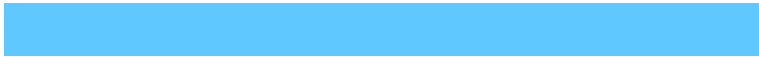
63.7714, 50.9082, 49.8666



40.1638, 50.9082, 29.3080

Complementary

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



43.3204, 50.9082, 102.1508



54.0094, 43.5654, 16.1543

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.



46.4029, 50.9082, 24.2381



43.3204, 50.9082, 102.1508



60.3712, 50.9082, 33.9817

Square

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



43.3204, 50.9082, 102.1508



62.7327, 50.9082, 71.8807



53.8334, 50.9082, 25.7001



36.4137, 50.9082, 41.7033

Rectangle

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



43.3204, 50.9082, 102.1508



55.3745, 50.9082, 99.3232



53.8334, 50.9082, 25.7001



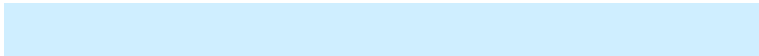
42.0130, 50.9082, 26.8544

Sweetspot

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



43.3219, 50.9099, 102.1510



74.3619, 81.8313, 106.4835



45.6965, 76.0280, 40.1479



15.3370, 16.9870, 22.7204



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.



43.3219, 50.9099, 102.1510



38.1402, 44.5252, 101.1918



29.4852, 23.2364, 97.5388



18.0017, 19.3751, 23.0409



16.8815, 18.6727, 52.1490



1.7453, 2.0213, 5.1114

Inverse Universe

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



55.6692, 33.4374, 58.1651



52.0824, 28.2841, 50.7414



71.0505, 77.6478, 21.8347



18.5135, 18.1887, 21.3213



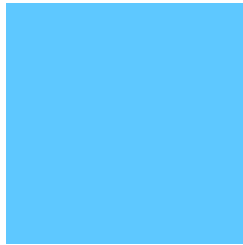
25.3092, 12.6130, 20.8106



2.5155, 1.2486, 2.2963

Previews

White Background



This preview shows how the XYZ color 43.3204, 50.9082, 102.1508 looks on a white background.

Color Contrast Check

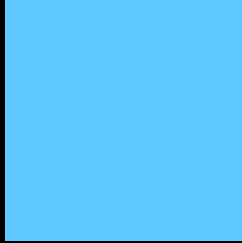
Large Text (above 18pt) WCAG AA × Fail

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 43.3204, 50.9082, 102.1508 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

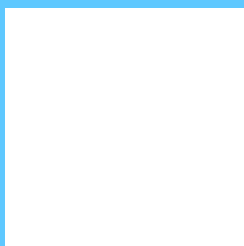
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3204, 50.9082, 102.1508

Background



This preview shows how black text looks on a background with the XYZ color 43.3204, 50.9082, 102.1508.



This preview shows how white text looks on a background with the XYZ color 43.3204, 50.9082,

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

43.3204, 50.9082, 102.1508

Protanopia

50.9013, 50.4201, 92.6372

Deuteranopia

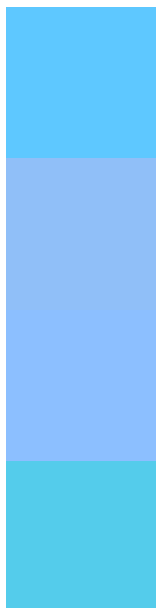
51.5453, 50.5533, 101.6488



Tritanopia

38.5325, 51.0900, 77.6425

Trichromacy



Original Color

43.3204, 50.9082, 102.1508

Protanomaly

47.0757, 49.9682, 95.9706

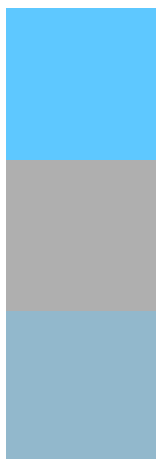
Deuteranomaly

47.4960, 50.0571, 101.7664

Tritanomaly

40.2444, 51.0687, 86.3334

Monochromacy



Original Color

43.3204, 50.9082, 102.1508

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.8936, 44.7516, 63.6620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3204, 50.9082, 102.1508 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(94, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 200, 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(94, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.3204, 50.9082, 102.1508 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(94, 200, 255) }
```


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

```
.border{ border-color:rgb(94, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3204, 50.9082, 102.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 200, 255) }
```

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

```
.background{ background-color: rgb(94, 200,  
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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