

Converting Colors

XYZ(42.0442, 53.6746,
100.4420)

Have a look what the booklet for
XYZ(42.0442, 53.6746, 100.4420)
contains.

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Color

**XYZ(42.1386, 53.9057,
100.2794)**

Conversions

Conversions Part 1

Format	Color
Hex	36D2FC
RGB	54, 210, 252
RGB Percent	21%, 82%, 99%
CMY	0.7882, 0.1765, 0.0118
CMYK	0.79, 0.17, 0.00, 0.01
HSL	193°, 97%, 60%
HSV	193°, 79%, 99%
XYZ	42.1386, 53.9057, 100.2794
YIQ	168.1440, -106.4580, -20.0100

Conversions

Conversions Part 2

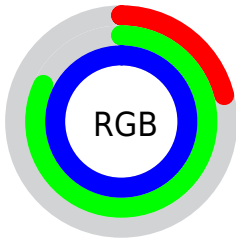
Format	Color
RYB	54, 141, 252
Decimal	3592956
CIELab	78.41, -25.67, -31.82
CIELCh	78, 40.880, 231.104
Yxy	53.9057, 0.2146, 0.2746
Android (android.graphics.Color)	4281783036 (0xFF36D2FC)
YUV	168.1440, 41.3410, -100.1043
Hunter-Lab	73.4205, -26.0385, -29.5853

Details

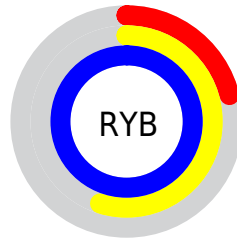
The XYZ color **42.1386, 53.9057, 100.2794** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **44.9959, 29.3308, 6.7820**, and the grayscale version is **37.1341, 39.0679, 42.5450**.

A 20% lighter version of the original color is **63.1701, 83.5653, 107.4080**, and **21.5717, 27.3828, 55.7782** is the 20% darker color. If you saturate the color by 10%, you get **39.8218, 50.7856, 99.8003**, and if you desaturate by 10%, it is **45.2027, 57.4785, 100.8086**.

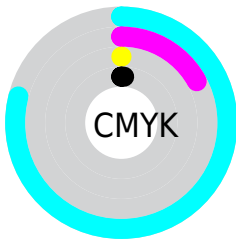
Distribution



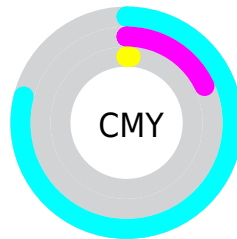
- Red (21%)
- Green (82%)
- Blue (99%)



- Red (21%)
- Yellow (55%)
- Blue (99%)



- Cyan (79%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1386, 53.9057, 100.2794 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 42.1386, 53.9057, 100.2794 by changing the saturation by 10% instead.

42.1386, 53.9057,
100.2794

42.1386, 53.9057,
100.2794

346.0390,
401.7503, 582.3424

29.4014, 38.5263,
75.9157

77.6732, 95.9358,
163.5963

19.5305, 26.3914,
55.8572

101.2013,
123.3552, 203.3866

12.1605, 17.1167,
39.6852

129.0571,
155.5568, 249.1562

6.9261, 10.3177,
26.9813

161.6060,
192.9249, 301.3236

3.4618, 5.6101,
17.3268

199.2133,
235.8439, 360.3074

1.4024, 2.6095,
10.3034

242.2443,

0.2580, 0.9314,

284.6982, 426.5261

5.4923

291.0644,
339.8722, 500.3983

■ 0.0000, 0.0000,
2.4752

■ 0.0000, 0.0000,
0.8270

■ 42.1386, 53.9057,
100.2794

■ 42.1386, 53.9057,
100.2794

■ 39.8218, 50.7856,
99.8003

■ 45.2027, 57.4785,
100.8086

■ 38.1113, 48.0419,
99.3609

■ 49.1042, 61.5480,
101.3884

■ 37.8895, 47.6656,
99.3000

■ 53.9255, 66.1584,
102.0242

■ 59.7375, 71.3469,
102.7194

■ 66.6039, 77.1467,
103.4770

■ 74.5830, 83.5887,
104.2998

■ 83.7286, 90.7011,
105.1906

■ 93.8632, 98.3929,
106.1412

■ 94.5709, 99.8084,
106.3771

Harmonies

Analogous

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



38.1378, 53.9057, 76.1011



42.1386, 53.9057, 100.2794



48.8848, 53.9057, 114.1242

Triad

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



42.1386, 53.9057, 100.2794



68.0560, 53.9057, 65.8018



45.8744, 53.9057, 26.3485

Complementary

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



42.1386, 53.9057, 100.2794



44.9959, 29.3308, 6.7820

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.



53.6609, 53.9057, 24.9470



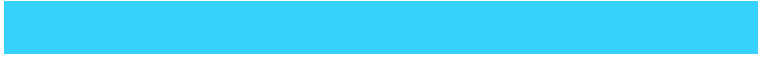
42.1386, 53.9057, 100.2794



67.0341, 53.9057, 44.1672

Square

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



42.1386, 53.9057, 100.2794



64.2180, 53.9057, 91.0718



61.5561, 53.9057, 30.5647



40.1328, 53.9057, 35.0747

Rectangle

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



42.1386, 53.9057, 100.2794



54.2677, 53.9057, 113.6637



61.5561, 53.9057, 30.5647



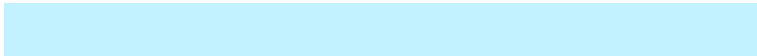
48.3189, 53.9057, 25.1147

Sweetspot

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



42.1404, 53.9076, 100.2807



72.0042, 82.1776, 106.6746



38.3362, 71.2076, 22.2230



14.8064, 17.0959, 22.7694



0.0000, 0.0000, 0.0000



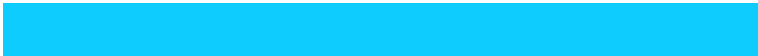
20.3446, 21.4041, 23.3091

Same Dimension

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



42.1404, 53.9076, 100.2807



39.8810, 50.5822, 102.2691



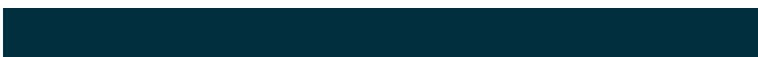
25.0444, 19.7156, 94.5821



17.4350, 18.9468, 22.1235



19.8482, 25.0520, 51.7630



1.9136, 2.4708, 4.8192

Inverse Universe

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



53.0985, 27.9889, 63.5783



52.3324, 25.9771, 59.4783



59.7946, 58.9282, 11.7149



17.8261, 17.4578, 20.9399



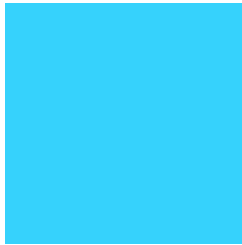
26.3105, 12.9399, 29.4071



2.4748, 1.2137, 2.9237

Previews

White Background



This preview shows how the XYZ color 42.1386, 53.9057, 100.2794 looks on a white background.

Color Contrast Check

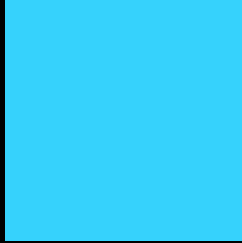
Large Text (above 18pt) WCAG AA × Fail

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 42.1386, 53.9057, 100.2794 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

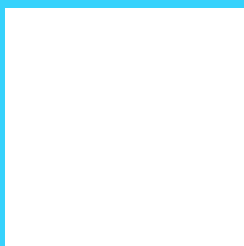
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1386, 53.9057, 100.2794

Background



This preview shows how black text looks on a background with the XYZ color 42.1386, 53.9057, 100.2794.



This preview shows how white text looks on a background with the XYZ color 42.1386, 53.9057,

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

42.1386, 53.9057, 100.2794

Protanopia

52.9021, 52.8237, 88.2967

Deuteranopia

54.3680, 53.2770, 102.0257



Tritanopia

38.9771, 54.1239, 83.9940

Trichromacy



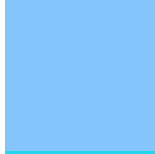
Original Color

42.1386, 53.9057, 100.2794



Protanomaly

46.1356, 51.5545, 92.3134



Deuteranomaly

47.3714, 51.9938, 101.3050



Tritanomaly

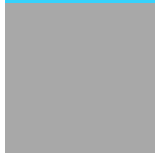
40.1736, 54.2326, 90.0119

Monochromacy



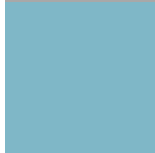
Original Color

42.1386, 53.9057, 100.2794



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.9947, 42.5025, 60.3395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1386, 53.9057, 100.2794 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(54, 210, 252)` looks like.

```
.text, #text, p{  
    color:rgb(54, 210, 252)  
}
```

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(54, 210, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 210, 252) }
```

Border

The CSS property to change the border of an element to XYZ 42.1386, 53.9057, 100.2794 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(54, 210, 252) }
```


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

```
.border{ border-color:rgb(54, 210, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 210, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 210, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 210, 252);  
box-shadow:4px 4px 4px 4px rgb(54, 210,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1386, 53.9057, 100.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 210, 252) }
```

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

```
.background{ background-color: rgb(54, 210,  
252) }
```

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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