

Converting Colors

XYZ(35.3972, 41.7533, 94.1892)

Have a look what the booklet for
XYZ(35.3972, 41.7533, 94.1892)
contains.

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Color

**XYZ(35.3972, 41.7533,
94.1892)**

Conversions

Conversions Part 1

Format	Color
Hex	35B8F7
RGB	53, 184, 247
RGB Percent	21%, 72%, 97%
CMY	0.7921, 0.2784, 0.0314
CMYK	0.79, 0.26, 0.00, 0.03
HSL	199°, 92%, 59%
HSV	199°, 79%, 97%
XYZ	35.3972, 41.7533, 94.1892
YIQ	152.0130, -98.2990, -8.1790

Conversions

Conversions Part 2

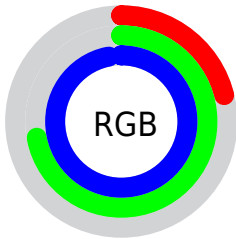
Format	Color
R _Y B	53, 131, 247
Decimal	3520759
CIE Lab	70.70, -13.98, -41.08
CIE LCh	71, 43.394, 251.211
Yxy	41.7533, 0.2066, 0.2437
Android (android.graphics.Color)	4281710839 (0xFF35B8F7)
YUV	152.0130, 46.8286, -86.8344
Hunter-Lab	64.6168, -15.2968, -41.1928

Details

The XYZ color **35.3972, 41.7533, 94.1892** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **45.2483, 32.5259, 7.2634**, and the grayscale version is **29.6880, 31.2341, 34.0140**.

A 20% lighter version of the original color is **58.1122, 74.1294, 105.8533**, and **17.4106, 19.9503, 51.6484** is the 20% darker color. If you saturate the color by 10%, you get **32.7978, 38.0099, 93.6045**, and if you desaturate by 10%, it is **38.7623, 46.0330, 94.8388**.

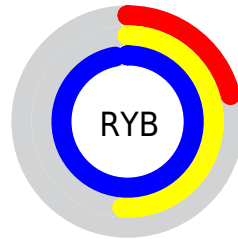
Distribution



Red (21%)

Green (72%)

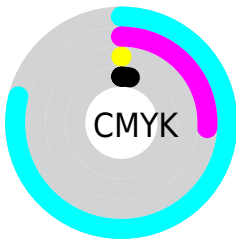
Blue (97%)



Red (21%)

Yellow (51%)

Blue (97%)

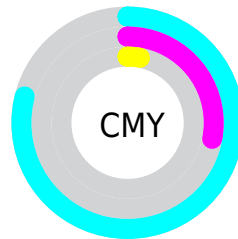


Cyan (79%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (79%)

Magenta (28%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3972, 41.7533, 94.1892 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 35.3972, 41.7533, 94.1892 by changing the saturation by 10% instead.

■ 35.3972, 41.7533,
94.1892

■ 35.3972, 41.7533,
94.1892

317.7955,
353.4592, 562.4839

■ 24.1369, 28.9082,
70.8672

■ 67.4306, 77.8261,
155.1299

■ 15.5605, 19.0114,
51.7526

■ 88.9345, 101.8226,
193.5857

■ 9.3026, 11.6785,
36.4271

■ 114.5836,
130.3050, 237.9231

■ 4.9978, 6.5252,
24.4719

■ 144.7434,
163.6577, 288.5607

■ 2.2807, 3.1670,
15.4686

179.7790,
202.2650, 345.9170

■ 0.7848, 1.2195,
8.9987

220.0561,

■ 0.0000, 0.0775,

246.5115, 410.4107

4.6435

265.9398,
296.7814, 482.4601

■ 0.0000, 0.0000,
1.9846

■ 0.0000, 0.0000,
0.5458

■ 35.3972, 41.7533,
94.1892

■ 35.3972, 41.7533,
94.1892

■ 32.7978, 38.0099,
93.6045

■ 38.7623, 46.0330,
94.8388

■ 30.8290, 34.7289,
93.0750

■ 42.9803, 50.8943,
95.5548

■ 30.5679, 34.2740,
93.0009

■ 48.1308, 56.3810,
96.3424

■ 54.2820, 62.5305,
97.2051

■ 61.4957, 69.3767,
98.1464

■ 69.8283, 76.9508,
99.1691

■ 79.3322, 85.2817,
100.2762

■ 90.0560, 94.3965,
101.4704

■ 93.7887, 99.4955,
102.2578

Harmonies

Analogous

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



30.1674, 41.7533, 76.8540



35.3972, 41.7533, 94.1892



42.4343, 41.7533, 96.4071

Triad

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



35.3972, 41.7533, 94.1892



54.8490, 41.7533, 38.1906



31.2562, 41.7533, 21.7088

Complementary

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



35.3972, 41.7533, 94.1892



45.2483, 32.5259, 7.2634

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.



37.0576, 41.7533, 16.6349



35.3972, 41.7533, 94.1892



51.0200, 41.7533, 24.0483

Square

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



35.3972, 41.7533, 94.1892



54.2644, 41.7533, 59.4433



44.3064, 41.7533, 17.3373



27.9835, 41.7533, 33.8657

Rectangle

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



35.3972, 41.7533, 94.1892



47.2887, 41.7533, 88.4264



44.3064, 41.7533, 17.3373



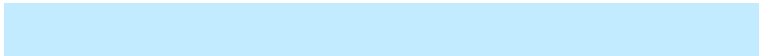
32.9439, 41.7533, 19.3120

Sweetspot

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



35.3987, 41.7547, 94.1903



69.9908, 78.1509, 106.0035



37.7928, 68.5045, 27.2835



14.3181, 16.1194, 22.6067



0.0000, 0.0000, 0.0000



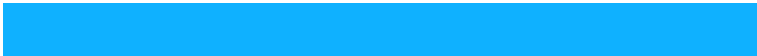
20.3446, 21.4041, 23.3091

Same Dimension

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



35.3987, 41.7547, 94.1903



34.0046, 38.8295, 100.3103



21.7953, 14.5479, 89.6558



16.5166, 17.7975, 21.1073



16.3009, 18.3955, 49.2296



1.5258, 1.8031, 4.3578

Inverse Universe

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



48.2840, 25.7829, 47.7804



49.3663, 24.7907, 43.8590



62.4041, 66.8376, 12.9821



16.9713, 16.6714, 19.5956



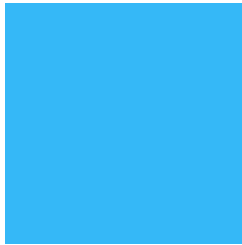
24.0324, 11.9564, 20.6770



2.1592, 1.0697, 2.0649

Previews

White Background



This preview shows how the XYZ color 35.3972, 41.7533, 94.1892 looks on a white background.

Color Contrast Check

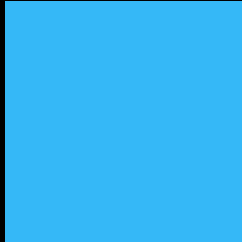
Large Text (above 18pt) WCAG AA × Fail

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 35.3972, 41.7533, 94.1892 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

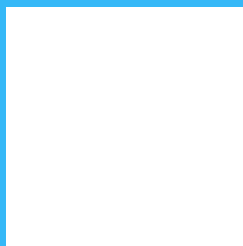
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3972, 41.7533, 94.1892

Background



This preview shows how black text looks on a background with the XYZ color 35.3972, 41.7533, 94.1892.

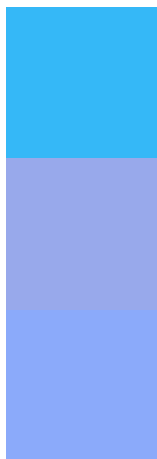


This preview shows how white text looks on a background with the XYZ color 35.3972, 41.7533,

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

35.3972, 41.7533, 94.1892

Protanopia

42.1323, 41.0495, 84.3000

Deuteranopia

42.2775, 41.1405, 96.1551



Tritanopia

29.7714, 41.7178, 64.8758

Trichromacy



Original Color

35.3972, 41.7533, 94.1892

Protanomaly

37.9185, 40.2171, 87.4255

Deuteranomaly

38.6132, 40.6876, 95.4409

Tritanomaly

31.3029, 41.3253, 74.7334

Monochromacy



Original Color

35.3972, 41.7533, 94.1892

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.4476, 33.8518, 51.9957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3972, 41.7533, 94.1892 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(53, 184, 247)` looks like.

```
.text, #text, p{  
    color:rgb(53, 184, 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(53, 184, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 184, 247) }
```

Border

The CSS property to change the border of an element to XYZ 35.3972, 41.7533, 94.1892 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(53, 184, 247) }
```


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

```
.border{ border-color:rgb(53, 184, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 184, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 184, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 184, 247);  
box-shadow:4px 4px 4px 4px rgb(53, 184,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3972, 41.7533, 94.1892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 184, 247) }
```

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

```
.background{ background-color: rgb(53, 184,  
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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