

Converting Colors

XYZ(35.2100, 40.2165, 97.1951)

Have a look what the booklet for
XYZ(35.2100, 40.2165, 97.1951)
contains.

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Color

**XYZ(35.1082, 40.0175,
97.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	37B3FB
RGB	55, 179, 251
RGB Percent	22%, 70%, 98%
CMY	0.7843, 0.2980, 0.0157
CMYK	0.78, 0.29, 0.00, 0.02
HSL	202°, 96%, 60%
HSV	202°, 78%, 98%
XYZ	35.1082, 40.0175, 97.1405
YIQ	150.1320, -97.0160, -3.8960

Conversions

Conversions Part 2

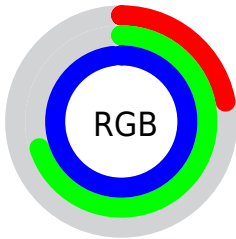
Format	Color
RYB	55, 131, 251
Decimal	3650555
CIELab	69.48, -9.71, -45.15
CIELCh	69, 46.184, 257.869
Yxy	40.0175, 0.2038, 0.2323
Android (android.graphics.Color)	4281840635 (0xFF37B3FB)
YUV	150.1320, 49.7279, -83.4308
Hunter-Lab	63.2594, -11.6386, -46.7636

Details

The XYZ color **35.1082, 40.0175, 97.1405** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **48.0652, 35.9678, 8.0255**, and the grayscale version is **28.8730, 30.3766, 33.0801**.

A 20% lighter version of the original color is **56.8116, 71.3038, 105.3765**, and **17.3270, 19.0738, 53.8073** is the 20% darker color. If you saturate the color by 10%, you get **32.2794, 35.9073, 96.4971**, and if you desaturate by 10%, it is **38.7617, 44.7375, 97.8598**.

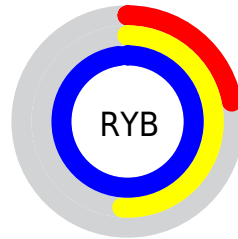
Distribution



Red (22%)

Green (70%)

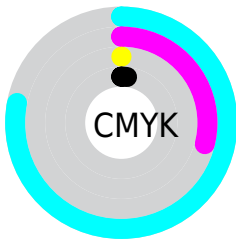
Blue (98%)



Red (22%)

Yellow (51%)

Blue (98%)

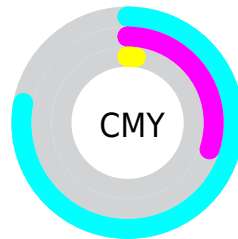


Cyan (78%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (30%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1082, 40.0175, 97.1405 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 35.1082, 40.0175, 97.1405 by changing the saturation by 10% instead.

■ 35.1082, 40.0175,
97.1405

■ 35.1082, 40.0175,
97.1405

316.5453,
346.1973, 572.1535

■ 23.9131, 27.5522,
73.3111

■ 66.9863, 75.1902,
159.2394

■ 15.3936, 17.9884,
53.7370

■ 88.4000, 98.6663,
198.3460

■ 9.1842, 10.9416,
37.9997

■ 113.9506,
126.5815, 243.3821

■ 4.9196, 6.0276,
25.6806

■ 144.0036,
159.3202, 294.7662

■ 2.2344, 2.8619,
16.3612

178.9242,
197.2667, 352.9168

■ 0.7608, 1.0600,
9.6230

219.0777,

■ 0.0000, 0.0000,

240.8055, 418.2526

5.0474

264.8297,
290.3209, 491.1920

■ 0.0000, 0.0000,
2.2159

■ 0.0000, 0.0000,
0.6835

■ 35.1082, 40.0175,
97.1405

■ 35.1082, 40.0175,
97.1405

■ 32.2794, 35.9073,
96.4971

■ 38.7617, 44.7375,
97.8598

■ 30.1412, 32.3325,
95.9198

■ 43.3310, 50.1159,
98.6571

■ 29.7750, 31.6897,
95.8150

■ 48.8989, 56.1995,
99.5379

■ 55.5369, 63.0282,
100.5061

■ 63.3096, 70.6387,
101.5654

■ 72.2761, 79.0646,
102.7192

■ 82.4913, 88.3371,
103.9706

■ 93.7054, 98.3305,
105.3085

■ 94.4127, 99.7451,
105.5442

Harmonies

Analogous

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



29.2250, 40.0175, 81.5558



35.1082, 40.0175, 97.1405



42.5949, 40.0175, 95.3408

Triad

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



35.1082, 40.0175, 97.1405



53.3366, 40.0175, 32.1735



28.3840, 40.0175, 21.4656

Complementary

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



35.1082, 40.0175, 97.1405



48.0652, 35.9678, 8.0255

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.



33.8135, 40.0175, 15.0581



35.1082, 40.0175, 97.1405



48.4594, 40.0175, 19.7075

Square

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



35.1082, 40.0175, 97.1405



53.8021, 40.0175, 52.7597



41.1210, 40.0175, 14.5415



25.6959, 40.0175, 35.5185

Rectangle

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



35.1082, 40.0175, 97.1405



47.5079, 40.0175, 84.5664



41.1210, 40.0175, 14.5415



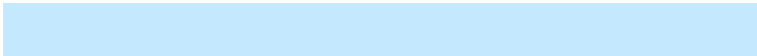
29.9140, 40.0175, 18.5759

Sweetspot

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



35.1097, 40.0188, 97.1415



70.1737, 77.5379, 105.8755



39.8966, 71.3367, 31.7032



14.3180, 15.9321, 22.5705



0.0000, 0.0000, 0.0000



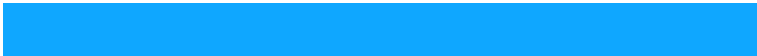
20.3446, 21.4041, 23.3091

Same Dimension

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



35.1097, 40.0188, 97.1415



32.0600, 34.9403, 99.6621



21.9425, 13.6845, 92.7525



17.1984, 18.4737, 22.0446



15.7946, 16.9449, 50.4118



1.5640, 1.7716, 4.7027

Inverse Universe

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



49.2878, 26.4980, 45.1659



48.3848, 24.3981, 38.6902



67.3639, 74.5653, 14.4584



17.7067, 17.4100, 20.3112



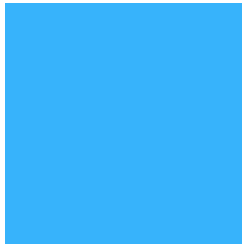
24.2644, 12.1215, 18.6327



2.2983, 1.1431, 1.9945

Previews

White Background



This preview shows how the XYZ color 35.1082, 40.0175, 97.1405 looks on a white background.

Color Contrast Check

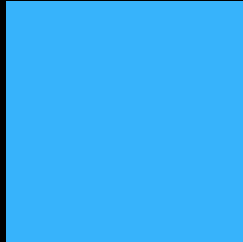
Large Text (above 18pt) WCAG AA × Fail

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 35.1082, 40.0175, 97.1405 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

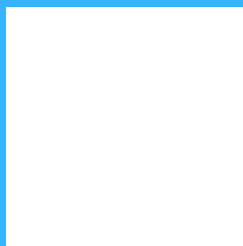
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1082, 40.0175, 97.1405

Background



This preview shows how black text looks on a background with the XYZ color 35.1082, 40.0175, 97.1405.



This preview shows how white text looks on a background with the XYZ color 35.1082, 40.0175,

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

35.1082, 40.0175, 97.1405

Protanopia

41.0414, 39.5834, 87.9153

Deuteranopia

40.9453, 39.8281, 99.2955



Tritanopia

28.4310, 39.8049, 62.0618

Trichromacy



Original Color

35.1082, 40.0175, 97.1405

Protanomaly

37.5741, 39.1022, 91.1551

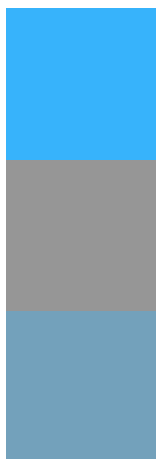
Deuteranomaly

37.9616, 39.4217, 98.5369

Tritanomaly

30.3472, 39.5970, 73.7537

Monochromacy



Original Color

35.1082, 40.0175, 97.1405

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7847, 32.7224, 51.8127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1082, 40.0175, 97.1405 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(55, 179, 251)` looks like.

```
.text, #text, p{  
    color:rgb(55, 179, 251)  
}
```

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(55, 179, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 179, 251) }
```

Border

The CSS property to change the border of an element to XYZ 35.1082, 40.0175, 97.1405 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(55, 179, 251) }
```


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

```
.border{ border-color:rgb(55, 179, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 179, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 179, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 179, 251);  
box-shadow:4px 4px 4px 4px rgb(55, 179,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1082, 40.0175, 97.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 179, 251) }
```

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

```
.background{ background-color: rgb(55, 179,  
251) }
```

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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