

Converting Colors

XYZ(36.4328, 41.0866, 94.5377)

Have a look what the booklet for
XYZ(36.4328, 41.0866, 94.5377)
contains.

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Color

**XYZ(36.4890, 41.0821,
94.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB4F8
RGB	79, 180, 248
RGB Percent	31%, 71%, 97%
CMY	0.6902, 0.2941, 0.0274
CMYK	0.68, 0.27, 0.00, 0.03
HSL	204°, 92%, 64%
HSV	204°, 68%, 97%
XYZ	36.4890, 41.0821, 94.8134
YIQ	157.5530, -82.0240, -0.2640

Conversions

Conversions Part 2

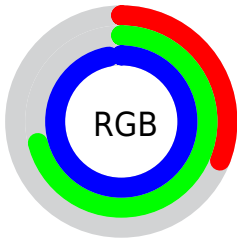
Format	Color
R _Y B	79, 142, 248
Decimal	5223672
CIE Lab	70.23, -8.30, -42.31
CIE LCh	70, 43.114, 258.898
Yxy	41.0821, 0.2117, 0.2383
Android (android.graphics.Color)	4283413752 (0xFF4FB4F8)
YUV	157.5530, 44.5904, -68.8910
Hunter-Lab	64.0953, -10.5481, -42.8384

Details

The XYZ color **36.4890, 41.0821, 94.8134** 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 **50.5586, 41.3917, 12.7238**, and the grayscale version is **32.1305, 33.8038, 36.8123**.

A 20% lighter version of the original color is **59.5471, 73.1402, 105.5868**, and **16.9933, 18.9403, 52.0504** is the 20% darker color. If you saturate the color by 10%, you get **32.8551, 36.3256, 94.0877**, and if you desaturate by 10%, it is **41.0398, 46.5280, 95.6255**.

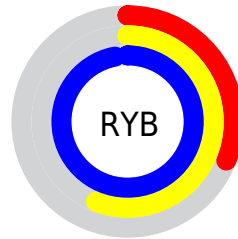
Distribution



Red (31%)

Green (71%)

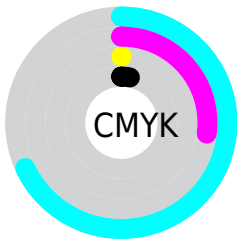
Blue (97%)



Red (31%)

Yellow (56%)

Blue (97%)

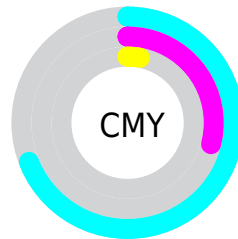


Cyan (68%)

Magenta (27%)

Yellow (0%)

Black (3%)



Cyan (69%)

Magenta (29%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4890, 41.0821, 94.8134 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 36.4890, 41.0821, 94.8134 by changing the saturation by 10% instead.

■ 36.4890, 41.0821,
94.8134

■ 36.4890, 41.0821,
94.8134

322.4869,
350.6636, 564.5365

■ 24.9840, 28.3832,
71.3836

■ 69.1051, 76.8085,
156.0001

■ 16.1938, 18.6148,
52.1716

■ 90.9469, 100.6048,
194.5942

■ 9.7531, 11.3922,
36.7587

■ 116.9649,
128.8691, 239.0801

■ 5.2966, 6.3313,
24.7264

■ 147.5246,
161.9858, 289.8765

■ 2.4588, 3.0476,
15.6562

182.9913,
200.3391, 347.4017

■ 0.8745, 1.1566,
9.1295

223.7304,

■ 0.0000, 0.0258,

244.3136, 412.0745

4.7278

270.1071,
294.2937, 484.3132

■ 0.0000, 0.0000,
2.0325

■ 0.0000, 0.0000,
0.5752

■ 36.4890, 41.0821,
94.8134

■ 36.4890, 41.0821,
94.8134

■ 32.8551, 36.3256,
94.0877

■ 41.0398, 46.5280,
95.6255

■ 30.0402, 32.2015,
93.4400

■ 46.5828, 52.7043,
96.5255

■ 27.9178, 28.6405,
92.8645

■ 53.1897, 59.6531,
97.5186

■ 27.5663, 28.0230,
92.7639

■ 60.9239, 67.4111,
98.6084

■ 69.8435, 76.0123,
99.7985

■ 80.0024, 85.4883,
101.0921

■ 91.4510, 95.8690,
102.4923

■ 93.9434, 99.5574,
103.0729

Harmonies

Analogous

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



30.7787, 41.0821, 80.9288



36.4890, 41.0821, 94.8134



43.6156, 41.0821, 92.5716

Triad

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



36.4890, 41.0821, 94.8134



53.3647, 41.0821, 33.2744



29.6773, 41.0821, 23.7165

Complementary

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



36.4890, 41.0821, 94.8134



50.5586, 41.3917, 12.7238

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.



34.8097, 41.0821, 17.0921



36.4890, 41.0821, 94.8134



48.6782, 41.0821, 21.3490

Square

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



36.4890, 41.0821, 94.8134



53.9558, 41.0821, 52.6505



41.7225, 41.0821, 16.3811



27.1741, 41.0821, 37.6491

Rectangle

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



36.4890, 41.0821, 94.8134



48.2160, 41.0821, 82.3654



41.7225, 41.0821, 16.3811



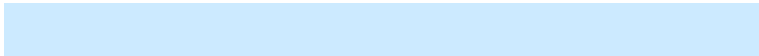
31.1215, 41.0821, 20.7670

Sweetspot

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



36.4905, 41.0835, 94.8144



72.5111, 79.1758, 106.0685



42.0287, 70.8924, 38.9107



14.9346, 16.3855, 22.6255



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.



36.4905, 41.0835, 94.8144



33.7090, 36.8722, 99.9481



24.3434, 16.7894, 90.7654



17.1457, 18.3683, 22.0271



15.0323, 15.4202, 50.1577



1.4961, 1.6359, 4.6801

Inverse Universe

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



49.7470, 28.8455, 46.1270



49.5506, 26.1412, 40.8932



68.7279, 77.7302, 18.7803



17.6801, 17.3994, 20.1711



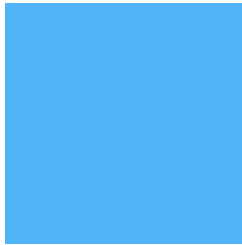
23.8796, 11.9676, 16.6065



2.2641, 1.1294, 1.8141

Previews

White Background



This preview shows how the XYZ color 36.4890, 41.0821, 94.8134 looks on a white background.

Color Contrast Check

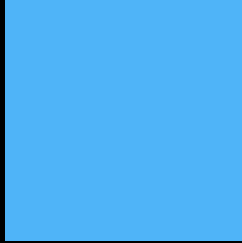
Large Text (above 18pt) WCAG AA × Fail

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 36.4890, 41.0821, 94.8134 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

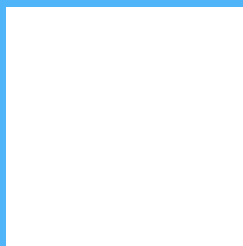
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4890, 41.0821, 94.8134

Background



This preview shows how black text looks on a background with the XYZ color 36.4890, 41.0821, 94.8134.



This preview shows how white text looks on a background with the XYZ color 36.4890, 41.0821,

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

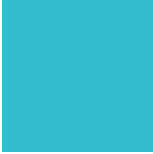
36.4890, 41.0821, 94.8134

Protanopia

41.8297, 40.5679, 86.5146

Deuteranopia

41.7598, 40.5964, 96.0774



Tritanopia

30.1977, 41.0042, 63.4498

Trichromacy



Original Color

36.4890, 41.0821, 94.8134

Protanomaly

39.0917, 40.2009, 89.7036

Deuteranomaly

39.2449, 40.4397, 95.3597

Tritanomaly

32.1917, 40.8573, 73.8997

Monochromacy



Original Color

36.4890, 41.0821, 94.8134

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0934, 35.7012, 54.4897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4890, 41.0821, 94.8134 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(79, 180, 248)` looks like.

```
.text, #text, p{  
    color:rgb(79, 180, 248)  
}
```

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(79, 180, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 180, 248) }
```

Border

The CSS property to change the border of an element to XYZ 36.4890, 41.0821, 94.8134 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(79, 180, 248) }
```


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

```
.border{ border-color:rgb(79, 180, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 180, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 180, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 180, 248);  
box-shadow:4px 4px 4px 4px rgb(79, 180,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4890, 41.0821, 94.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 180, 248) }
```

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

```
.background{ background-color: rgb(79, 180,  
248) }
```

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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