

Converting Colors

XYZ(32.4736, 39.1883, 89.3853)

Have a look what the booklet for
XYZ(32.4736, 39.1883, 89.3853)
contains.

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Color

**XYZ(32.3795, 39.0868,
89.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	0EB4F1
RGB	14, 180, 241
RGB Percent	5%, 71%, 95%
CMY	0.9449, 0.2941, 0.0549
CMYK	0.94, 0.25, 0.00, 0.05
HSL	196°, 89%, 50%
HSV	196°, 94%, 95%
XYZ	32.3795, 39.0868, 89.0570
YIQ	137.3200, -118.5170, -16.2210

Conversions

Conversions Part 2

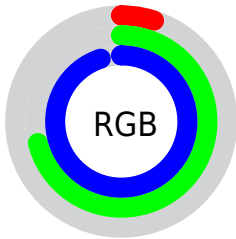
Format	Color
R_{YB}	14, 110, 241
Decimal	963825
CIE _{Lab}	68.81, -16.37, -40.81
CIE _{LCh}	69, 43.970, 248.138
Yxy	39.0868, 0.2017, 0.2435
Android (android.graphics.Color)	4279153905 (0xFF0EB4F1)
YUV	137.3200, 51.1142, -108.1516
Hunter-Lab	62.5194, -16.9619, -40.6932

Details

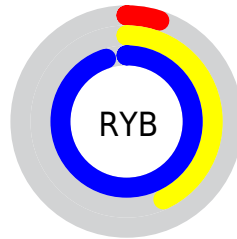
The XYZ color **32.3795, 39.0868, 89.0570** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **38.8748, 23.7713, 2.9566**, and the grayscale version is **23.7496, 24.9864, 27.2102**.

A 20% lighter version of the original color is **54.7275, 70.6556, 105.3612**, and **16.3463, 18.6815, 48.6433** is the 20% darker color. If you saturate the color by 10%, you get **31.4471, 37.4905, 88.7988**, and if you desaturate by 10%, it is **34.3423, 42.0861, 89.5333**.

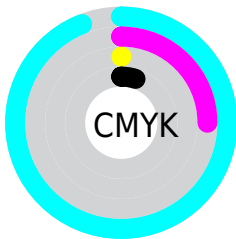
Distribution



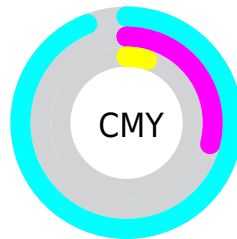
- Red (5%)
- Green (71%)
- Blue (95%)



- Red (5%)
- Yellow (43%)
- Blue (95%)



- Cyan (94%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)



- Cyan (94%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3795, 39.0868, 89.0570 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 32.3795, 39.0868, 89.0570 by changing the saturation by 10% instead.

■ 32.3795, 39.0868,
89.0570

■ 32.3795, 39.0868,
89.0570

304.5590,
342.2594, 545.4493

■ 21.8085, 26.8273,
66.6295

■ 62.7667, 73.7709,
147.9519

■ 13.8321, 17.4435,
48.3239

■ 83.3137, 96.9643,
185.2563

■ 8.0849, 10.5512,
33.7216

■ 107.9166,
124.5710, 228.3568

■ 4.2016, 5.7659,
22.4042

■ 136.9409,
156.9755, 277.6720

■ 1.8168, 2.7033,
13.9531

■ 170.7520,
194.5622, 333.6202

■ 0.5278, 0.9789,
7.9496

209.7151,

■ 0.0000, 0.0000,

237.7155, 396.6202

3.9754

254.1957,
286.8198, 467.0903

■ 0.0000, 0.0000,
1.6119

■ 0.0000, 0.0000,
0.2993

■ 32.3795, 39.0868,
89.0570

■ 32.3795, 39.0868,
89.0570

■ 31.4471, 37.4905,
88.7988

■ 34.3423, 42.0861,
89.5333

■ 36.9401, 45.5041,
90.0561

■ 40.2708, 49.3931,
90.6312

■ 44.4139, 53.7951,
91.2625

■ 49.4375, 58.7464,
91.9534

■ 55.4027, 64.2797,
92.7071

■ 62.3645, 70.4243,
93.5262

■ 70.3738, 77.2076,
94.4133

■ 79.4777, 84.6549,
95.3710

Harmonies

Analogous

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



27.5735, 39.0868, 70.9428



32.3795, 39.0868, 89.0570



39.0810, 39.0868, 92.9979

Triad

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



32.3795, 39.0868, 89.0570



52.0635, 39.0868, 37.3521



29.4721, 39.0868, 18.9418

Complementary

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



32.3795, 39.0868, 89.0570



38.8748, 23.7713, 2.9566

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.



35.2853, 39.0868, 14.7446



32.3795, 39.0868, 89.0570



48.7230, 39.0868, 22.9801

Square

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



32.3795, 39.0868, 89.0570



51.0322, 39.0868, 58.5146



42.3693, 39.0868, 15.9470



26.0469, 39.0868, 29.8043

Rectangle

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



32.3795, 39.0868, 89.0570



43.8381, 39.0868, 86.1820



42.3693, 39.0868, 15.9470



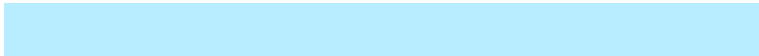
31.1808, 39.0868, 16.8883

Sweetspot

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



32.3809, 39.0881, 89.0580



67.6621, 77.2424, 105.9508



32.8927, 63.5071, 17.1040



13.7610, 15.8931, 22.5923



0.0000, 0.0000, 0.0000



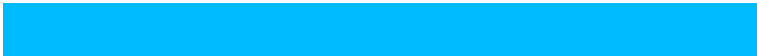
20.3446, 21.4041, 23.3091

Same Dimension

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



32.3809, 39.0881, 89.0580



35.7066, 42.5332, 100.9355



18.0666, 10.4594, 84.2865



15.8671, 17.1683, 20.1991



17.1700, 20.5642, 48.1922



1.5100, 1.8739, 4.0363

Inverse Universe

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



44.6721, 22.3117, 45.1333



50.1522, 24.8249, 48.8612



54.3485, 54.7186, 8.1145



16.2624, 15.9547, 18.9378



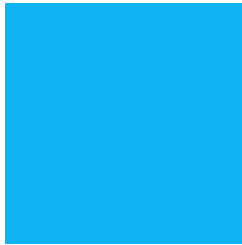
23.9922, 11.8693, 23.6735



2.0371, 1.0039, 2.1862

Previews

White Background



This preview shows how the XYZ color 32.3795, 39.0868, 89.0570 looks on a white background.

Color Contrast Check

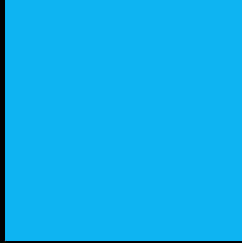
Large Text (above 18pt) WCAG AA × Fail

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 32.3795, 39.0868, 89.0570 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

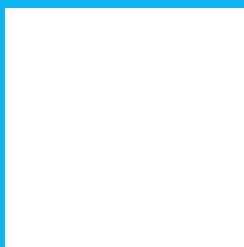
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3795, 39.0868, 89.0570

Background



This preview shows how black text looks on a background with the XYZ color 32.3795, 39.0868, 89.0570.

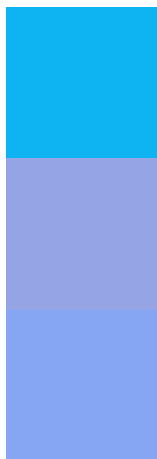


This preview shows how white text looks on a background with the XYZ color 32.3795, 39.0868,

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

32.3795, 39.0868, 89.0570

Protanopia

39.6311, 38.5040, 79.4720

Deuteranopia

39.7969, 38.8724, 90.9936



Tritanopia

27.6578, 38.8214, 60.0684

Trichromacy



Original Color

32.3795, 39.0868, 89.0570



Protanomaly

34.2283, 37.2853, 82.4836



Deuteranomaly

34.9570, 37.7705, 90.2420



Tritanomaly

29.1337, 38.7543, 69.5631

Monochromacy



Original Color

32.3795, 39.0868, 89.0570



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

23.5427, 28.1529, 44.7507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3795, 39.0868, 89.0570 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(14, 180, 241)` looks like.

```
.text, #text, p{  
    color:rgb(14, 180, 241)  
}
```

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(14, 180, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 180, 241) }
```

Border

The CSS property to change the border of an element to XYZ 32.3795, 39.0868, 89.0570 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(14, 180, 241) }
```


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

```
.border{ border-color:rgb(14, 180, 241) }
```

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

Here you see how a box with a 4 pixel rgb(14, 180, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 180, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 180, 241);  
box-shadow:4px 4px 4px 4px rgb(14, 180,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3795, 39.0868, 89.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 180, 241) }
```

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

```
.background{ background-color: rgb(14, 180,  
241) }
```

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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