

Converting Colors

XYZ(36.0382, 43.0400,
101.0159)

Have a look what the booklet for
XYZ(36.0382, 43.0400, 101.0159)
contains.

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Color

**XYZ(36.1334, 43.2381,
101.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	08BCFF
RGB	8, 188, 255
RGB Percent	3%, 74%, 100%
CMY	0.9683, 0.2627, 0.0000
CMYK	0.97, 0.26, 0.00, 0.00
HSL	196°, 100%, 52%
HSV	196°, 97%, 100%
XYZ	36.1334, 43.2381, 101.0491
YIQ	141.8180, -128.7870, -17.3230

Conversions

Conversions Part 2

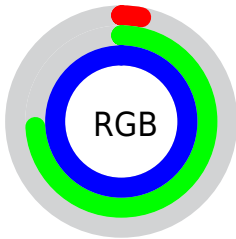
Format	Color
R _Y B	8, 112, 255
Decimal	572671
CIE Lab	71.72, -15.88, -43.85
CIE LCh	72, 46.635, 250.095
Yxy	43.2381, 0.2003, 0.2397
Android (android.graphics.Color)	4278762751 (0xFF08BCFF)
YUV	141.8180, 55.7987, -117.3584
Hunter-Lab	65.7557, -16.9849, -45.0841

Details

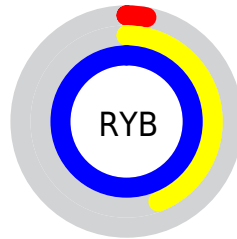
The XYZ color **36.1334, 43.2381, 101.0491** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **43.8055, 26.3202, 3.0035**, and the grayscale version is **25.4721, 26.7987, 29.1837**.

A 20% lighter version of the original color is **57.4709, 75.5662, 106.1644**, and **18.8570, 21.4052, 56.5638** is the 20% darker color. If you saturate the color by 10%, you get **35.5689, 42.2579, 100.8896**, and if you desaturate by 10%, it is **38.1933, 46.5478, 101.5794**.

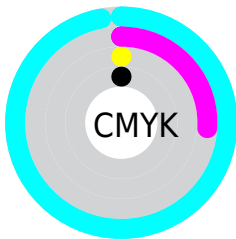
Distribution



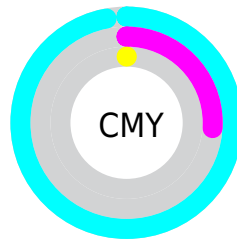
- Red (3%)
- Green (74%)
- Blue (100%)



- Red (3%)
- Yellow (44%)
- Blue (100%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1334, 43.2381, 101.0491 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 36.1334, 43.2381, 101.0491 by changing the saturation by 10% instead.

■ 36.1334, 43.2381,
101.0491

■ 36.1334, 43.2381,
101.0491

■ 320.9643,
359.5900, 584.8264

■ 24.7078, 30.0720,
76.5552

■ 68.5604, 80.0700,
164.6626

■ 15.9871, 19.8932,
56.3785

■ 90.2926, 104.5046,
204.6192

■ 9.6058, 12.3175,
40.1005

■ 116.1910,
133.4642, 250.5672

■ 5.1986, 6.9603,
27.3025

■ 146.6211,
167.3331, 302.9251

■ 2.4002, 3.4373,
17.5661

■ 181.9481,
206.4957, 362.1115

■ 0.8452, 1.3641,
10.4727

222.5374,

■ 0.0000, 0.1900,

251.3365, 428.5447

5.6038

268.7543,
302.2398, 502.6435

■ 0.0000, 0.0000,
2.5408

■ 0.0000, 0.0000,
0.8617

■ 36.1334, 43.2381,
101.0491

■ 36.1334, 43.2381,
101.0491

■ 35.5689, 42.2579,
100.8896

■ 38.1933, 46.5478,
101.5794

■ 40.9413, 50.3183,
102.1623

■ 44.4996, 54.6144,
102.8040

■ 48.9637, 59.4870,
103.5092

■ 54.4152, 64.9793,
104.2820

■ 60.9261, 71.1299,
105.1260

■ 68.5614, 77.9734,
106.0446

■ 77.3807, 85.5420,
107.0406

■ 87.4391, 93.8653,
108.1170

Harmonies

Analogous

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



30.5266, 43.2381, 81.0680



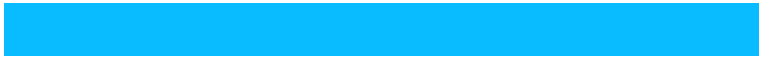
36.1334, 43.2381, 101.0491



43.8200, 43.2381, 104.2908

Triad

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



36.1334, 43.2381, 101.0491



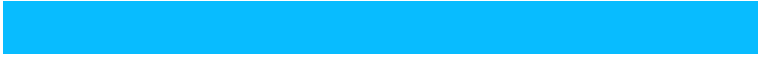
57.9598, 43.2381, 39.8506



32.0598, 43.2381, 21.0037

Complementary

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



36.1334, 43.2381, 101.0491



43.8055, 26.3202, 3.0035

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.



38.4883, 43.2381, 15.9011



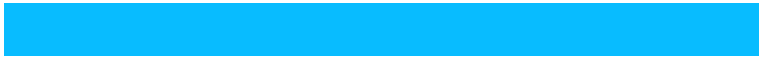
36.1334, 43.2381, 101.0491



53.8618, 43.2381, 24.2312

Square

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



36.1334, 43.2381, 101.0491



57.1174, 43.2381, 63.5181



46.4945, 43.2381, 16.8545



28.3922, 43.2381, 33.7532

Rectangle

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



36.1334, 43.2381, 101.0491



49.2031, 43.2381, 95.7069



46.4945, 43.2381, 16.8545



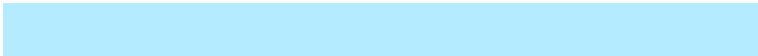
33.9332, 43.2381, 18.5570

Sweetspot

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



36.1348, 43.2395, 101.0493



66.8075, 76.4292, 105.8389



37.0946, 72.0655, 18.4202



13.5952, 15.7297, 22.5695



0.0000, 0.0000, 0.0000



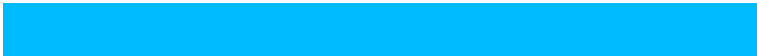
20.3446, 21.4041, 23.3091

Same Dimension

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



36.1348, 43.2395, 101.0493



35.5689, 42.2579, 100.8896



20.0815, 11.1329, 95.6982



18.1136, 19.5987, 23.0782



18.7160, 22.3416, 52.7605



1.9131, 2.3569, 5.1674

Inverse Universe

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



50.4050, 25.0663, 49.7598



50.0827, 24.7971, 48.4953



61.3381, 61.3853, 8.8477



18.5700, 18.2113, 21.6186



26.2352, 12.9834, 25.6866



2.6002, 1.2825, 2.7423

Previews

White Background



This preview shows how the XYZ color 36.1334, 43.2381, 101.0491 looks on a white background.

Color Contrast Check

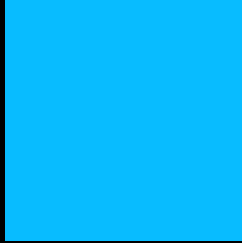
Large Text (above 18pt) WCAG AA × Fail

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 36.1334, 43.2381, 101.0491 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

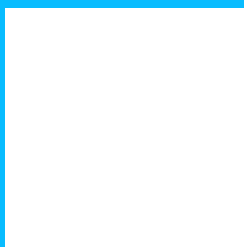
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1334, 43.2381, 101.0491

Background



This preview shows how black text looks on a background with the XYZ color 36.1334, 43.2381, 101.0491.



This preview shows how white text looks on a background with the XYZ color 36.1334, 43.2381,

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

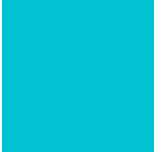
36.1334, 43.2381, 101.0491

Protanopia

43.9164, 42.6882, 89.9294

Deuteranopia

43.8088, 42.6826, 100.5373



Tritanopia

30.8004, 43.1870, 67.0342

Trichromacy



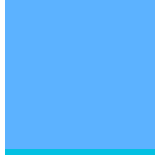
Original Color

36.1334, 43.2381, 101.0491



Protanomaly

37.9644, 41.2655, 93.9598



Deuteranomaly

38.3840, 41.3361, 100.5634



Tritanomaly

32.6147, 43.2096, 78.5728

Monochromacy



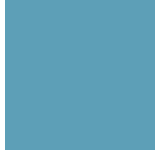
Original Color

36.1334, 43.2381, 101.0491



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

25.4596, 30.5423, 49.3531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1334, 43.2381, 101.0491 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(8, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(8, 188, 255)  
}
```

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(8, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.1334, 43.2381, 101.0491 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(8, 188, 255) }
```


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

```
.border{ border-color:rgb(8, 188, 255) }
```

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

Here you see how a box with a 4 pixel rgb(8, 188, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(8, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1334, 43.2381, 101.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 188, 255) }
```

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

```
.background{ background-color: rgb(8, 188,  
255) }
```

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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