

Converting Colors

XYZ(38.1069, 45.0664,
101.2980)

Have a look what the booklet for
XYZ(38.1069, 45.0664, 101.2980)
contains.

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Color

**XYZ(38.2021, 45.2659,
101.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	36BFFF
RGB	54, 191, 255
RGB Percent	21%, 75%, 100%
CMY	0.7882, 0.2510, 0.0000
CMYK	0.79, 0.25, 0.00, 0.00
HSL	199°, 100%, 61%
HSV	199°, 79%, 100%
XYZ	38.2021, 45.2659, 101.3315
YIQ	157.3330, -102.1960, -9.1400

Conversions

Conversions Part 2

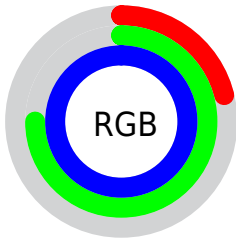
Format	Color
R _Y B	54, 135, 255
Decimal	3588095
CIE Lab	73.07, -14.91, -41.70
CIE LCh	73, 44.289, 250.322
Yxy	45.2659, 0.2067, 0.2449
Android (android.graphics.Color)	4281778175 (0xFF36BFFF)
YUV	157.3330, 48.1498, -90.6230
Hunter-Lab	67.2799, -16.3861, -42.2018

Details

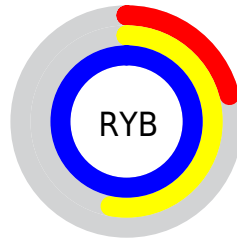
The XYZ color **38.2021, 45.2659, 101.3315** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **48.3863, 34.4867, 7.5984**, and the grayscale version is **32.0233, 33.6910, 36.6895**.

A 20% lighter version of the original color is **60.5167, 78.4874, 106.5678**, and **19.2815, 22.2542, 56.7053** is the 20% darker color. If you saturate the color by 10%, you get **35.4524, 41.2928, 100.7095**, and if you desaturate by 10%, it is **41.7691, 49.8076, 102.0201**.

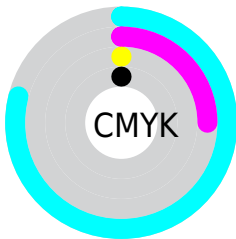
Distribution



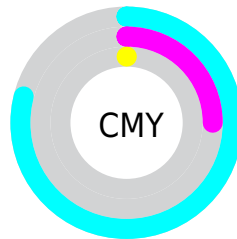
- Red (21%)
- Green (75%)
- Blue (100%)



- Red (21%)
- Yellow (53%)
- Blue (100%)



- Cyan (79%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2021, 45.2659, 101.3315 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 38.2021, 45.2659, 101.3315 by changing the saturation by 10% instead.

■ 38.2021, 45.2659,
101.3315

■ 38.2021, 45.2659,
101.3315

329.7520,
367.8494, 585.7363

■ 26.3175, 31.6669,
76.7899

■ 71.7197, 83.1193,
165.0536

■ 17.1952, 21.1072,
56.5699

■ 94.0834, 108.1425,
205.0712

■ 10.4700, 13.2024,
40.2530

■ 120.6709,
137.7425, 251.0845

■ 5.7763, 7.5681,
27.4206

■ 151.8475,
172.3038, 303.5121

■ 2.7489, 3.8198,
17.6541

187.9785,
212.2107, 362.7726

■ 1.0224, 1.5733,
10.5351

229.4294,

■ 0.0000, 0.3395,

257.8477, 429.2844

5.6449

276.5654,
309.5991, 503.4661

■ 0.0000, 0.0000,
2.5651

■ 0.0000, 0.0000,
0.8744

■ 38.2021, 45.2659,
101.3315

■ 38.2021, 45.2659,
101.3315

■ 35.4524, 41.2928,
100.7095

■ 41.7691, 49.8076,
102.0201

■ 33.3716, 37.8072,
100.1464

■ 46.2491, 54.9672,
102.7799

■ 33.1479, 37.4158,
100.0826

■ 51.7280, 60.7921,
103.6154

■ 58.2800, 67.3226,
104.5306

■ 65.9719, 74.5953,
105.5290

■ 74.8648, 82.6438,
106.6138

■ 85.0151, 91.4993,
107.7881

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



32.6406, 45.2659, 82.3508



38.2021, 45.2659, 101.3315



45.7473, 45.2659, 104.2704

Triad

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



38.2021, 45.2659, 101.3315



59.3984, 45.2659, 42.0342



34.0902, 45.2659, 23.3993

Complementary

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



38.2021, 45.2659, 101.3315



48.3863, 34.4867, 7.5984

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.



40.4107, 45.2659, 18.1111



38.2021, 45.2659, 101.3315



55.4042, 45.2659, 26.5222

Square

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



38.2021, 45.2659, 101.3315



58.6224, 45.2659, 65.0864



48.2352, 45.2659, 19.0506



30.4713, 45.2659, 36.2765

Rectangle

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



38.2021, 45.2659, 101.3315



50.9875, 45.2659, 96.0218



48.2352, 45.2659, 19.0506



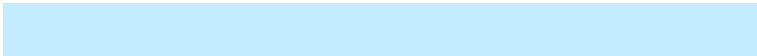
35.9359, 45.2659, 20.8801

Sweetspot

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



38.2035, 45.2674, 101.3317



70.1021, 78.3735, 106.0406



40.5321, 73.6047, 29.1051



14.3450, 16.1732, 22.6156



0.0000, 0.0000, 0.0000



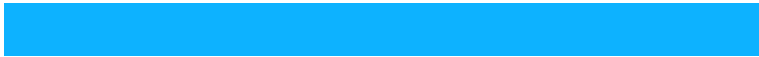
20.3446, 21.4041, 23.3091

Same Dimension

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



38.2035, 45.2674, 101.3317



34.1053, 39.0897, 100.3553



23.3016, 15.4636, 96.3644



18.0385, 19.4487, 23.0532



17.4610, 19.8316, 52.3422



1.7987, 2.1280, 5.1292

Inverse Universe

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



51.9642, 27.6616, 51.8920



49.4028, 24.7503, 44.2205



67.0174, 71.7487, 13.8088



18.5321, 18.1961, 21.4191



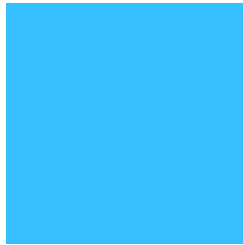
25.6017, 12.7300, 22.3509



2.5425, 1.2594, 2.4382

Previews

White Background



This preview shows how the XYZ color 38.2021, 45.2659, 101.3315 looks on a white background.

Color Contrast Check

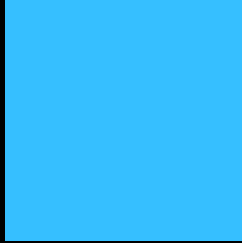
Large Text (above 18pt) WCAG AA × Fail

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 38.2021, 45.2659, 101.3315 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

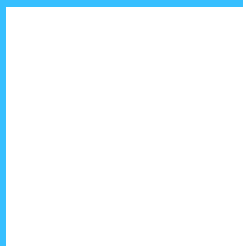
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2021, 45.2659, 101.3315

Background



This preview shows how black text looks on a background with the XYZ color 38.2021, 45.2659, 101.3315.



This preview shows how white text looks on a background with the XYZ color 38.2021, 45.2659,

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

38.2021, 45.2659, 101.3315

Protanopia

45.8035, 44.7908, 91.0254

Deuteranopia

45.8048, 44.8673, 100.8538



Tritanopia

32.3317, 45.2432, 70.6471

Trichromacy



Original Color

38.2021, 45.2659, 101.3315

Protanomaly

41.0581, 43.7562, 94.2775

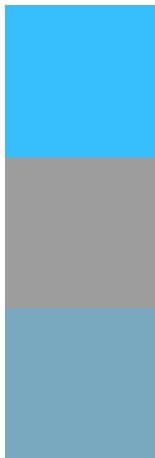
Deuteranomaly

41.5880, 44.1866, 100.9447

Tritanomaly

33.9465, 44.8361, 80.9938

Monochromacy



Original Color

38.2021, 45.2659, 101.3315

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.5593, 36.2193, 55.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2021, 45.2659, 101.3315 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(54, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 191, 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(54, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 38.2021, 45.2659, 101.3315 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(54, 191, 255) }
```


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

```
.border{ border-color:rgb(54, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2021, 45.2659, 101.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 191, 255) }
```

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

```
.background{ background-color: rgb(54, 191,  
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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