

Converting Colors

XYZ(39.7413, 47.3193, 74.0568)

Have a look what the booklet for
XYZ(39.7413, 47.3193, 74.0568)
contains.

XYZ(39.7413, 47.3193, 74.0568)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.7413, 47.3193,
74.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	79C1DB
RGB	121, 193, 219
RGB Percent	47%, 76%, 86%
CMY	0.5255, 0.2431, 0.1412
CMYK	0.45, 0.12, 0.00, 0.14
HSL	196°, 58%, 67%
HSV	196°, 45%, 86%
XYZ	39.7413, 47.3193, 74.0568
YIQ	174.4360, -51.2580, -7.1780

Conversions

Conversions Part 2

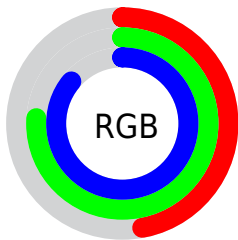
Format	Color
R _Y B	121, 163, 219
Decimal	7979483
CIE Lab	74.39, -15.74, -20.04
CIE LCh	74, 25.480, 231.842
Yxy	47.3193, 0.2467, 0.2937
Android (android.graphics.Color)	4286169563 (0xFF79C1DB)
YUV	174.4360, 21.9701, -46.8634
Hunter-Lab	68.7890, -17.2565, -15.6780

Details

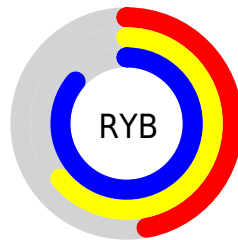
The XYZ color **39.7413, 47.3193, 74.0568** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **43.0994, 37.3091, 23.0204**, and the grayscale version is **40.3669, 42.4692, 46.2489**.

A 20% lighter version of the original color is **70.5957, 85.0562, 107.3044**, and **18.0478, 22.2356, 38.4626** is the 20% darker color. If you saturate the color by 10%, you get **35.7547, 43.3957, 73.5104**, and if you desaturate by 10%, it is **44.4780, 51.7066, 74.6548**.

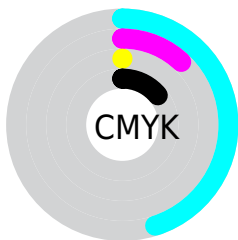
Distribution



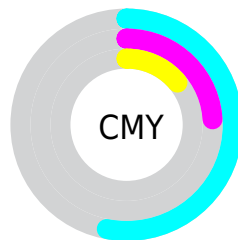
- Red (47%)
- Green (76%)
- Blue (86%)



- Red (47%)
- Yellow (64%)
- Blue (86%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (53%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7413, 47.3193, 74.0568 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 39.7413, 47.3193, 74.0568 by changing the saturation by 10% instead.

■ 39.7413, 47.3193,
74.0568

■ 39.7413, 47.3193,
74.0568

336.1851,
376.0876, 493.8380

■ 27.5202, 33.2881,
54.3435

■ 74.0563, 86.1900,
126.7111

■ 18.1029, 22.3473,
38.4813

■ 96.8808, 111.7984,
160.4892

■ 11.1240, 14.1123,
26.0517

■ 123.9706,
142.0347, 199.7925

■ 6.2182, 8.1988,
16.6362

155.6910,
177.2832, 245.0397

■ 3.0201, 4.2224,
9.8163

192.4073,
217.9283, 296.6494

■ 1.1644, 1.7987,
5.1733

234.4848,

■ 0.0780, 0.4864,

264.3545, 355.0399

2.2888

282.2890,
316.9461, 420.6300

■ 0.0000, 0.0000,
0.7249

■ 0.0000, 0.0000,
0.0000

■ 39.7413, 47.3193,
74.0568

■ 39.7413, 47.3193,
74.0568

■ 35.7547, 43.3957,
73.5104

■ 44.4780, 51.7066,
74.6548

■ 32.4653, 39.9046,
73.0099

■ 50.0041, 56.5755,
75.3034

■ 29.8204, 36.8189,
72.5538

■ 56.3614, 61.9495,
76.0056

■ 27.7569, 34.1053,
72.1387

■ 63.5874, 67.8487,
76.7634

■ 26.1982, 31.7233,
71.7611

■ 71.7172, 74.2920,
77.5786

■ 25.5139, 30.5697,
71.5745

■ 80.7840, 81.2973,
78.4529

■ 83.3562, 85.0343,
79.0386

■ 85.0345, 88.3909,
79.5980

■ 86.7676, 91.8569,
80.1757

Harmonies

Analogous

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



37.2724, 47.3193, 61.5078



39.7413, 47.3193, 74.0568



43.7350, 47.3193, 80.8039

Triad

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



39.7413, 47.3193, 74.0568



54.2876, 47.3193, 55.1925



41.7720, 47.3193, 31.4459

Complementary

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



39.7413, 47.3193, 74.0568



43.0994, 37.3091, 23.0204

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.



46.2394, 47.3193, 30.3379



39.7413, 47.3193, 74.0568



53.6731, 47.3193, 42.6812

Square

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



39.7413, 47.3193, 74.0568



52.2766, 47.3193, 68.7657



50.6504, 47.3193, 34.0973



38.3881, 47.3193, 37.4337

Rectangle

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



39.7413, 47.3193, 74.0568



46.8107, 47.3193, 80.4238



50.6504, 47.3193, 34.0973



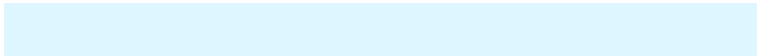
43.1891, 47.3193, 30.5365

Sweetspot

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



39.7428, 47.3211, 74.0579



81.1466, 88.7625, 107.4637



38.3674, 56.7889, 35.9313



16.9092, 18.6181, 22.9524



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.



39.7428, 47.3211, 74.0579



50.6196, 61.4090, 103.7929



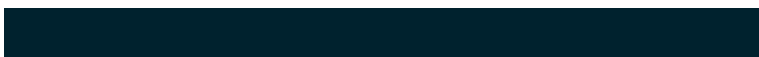
30.8747, 29.5849, 71.1019



13.1374, 14.2146, 16.7034



15.2224, 18.3143, 42.4711



1.0553, 1.3247, 2.7745

Inverse Universe

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



45.6777, 32.5865, 54.3362



60.3526, 39.1391, 71.0254



52.0690, 55.2483, 26.0103



13.4592, 13.2128, 15.6795



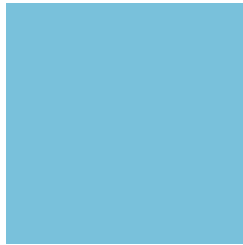
21.1789, 10.4726, 21.1200



1.4070, 0.6924, 1.5520

Previews

White Background



This preview shows how the XYZ color 39.7413, 47.3193, 74.0568 looks on a white background.

Color Contrast Check

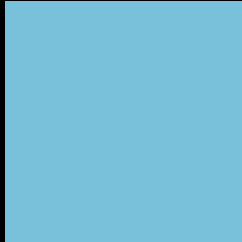
Large Text (above 18pt) WCAG AA × Fail

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 39.7413, 47.3193, 74.0568 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 39.7413, 47.3193, 74.0568

Background



This preview shows how black text looks on a background with the XYZ color 39.7413, 47.3193, 74.0568.



This preview shows how white text looks on a background with the XYZ color 39.7413, 47.3193,

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

39.7413, 47.3193, 74.0568

Protanopia

46.4132, 47.0980, 68.2726

Deuteranopia

47.9276, 46.8180, 75.6180



Tritanopia

38.3959, 47.0883, 68.0380

Trichromacy



Original Color

39.7413, 47.3193, 74.0568

Protanomaly

43.3912, 46.7211, 70.3494

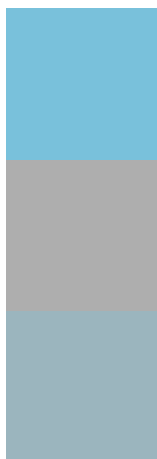
Deuteranomaly

44.2827, 46.4584, 75.0400

Tritanomaly

38.9098, 47.3096, 70.0317

Monochromacy



Original Color

39.7413, 47.3193, 74.0568

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.3357, 43.7340, 55.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7413, 47.3193, 74.0568 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(121, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(121, 193, 219)  
}
```

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(121, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 193, 219) }
```

Border

The CSS property to change the border of an element to XYZ 39.7413, 47.3193, 74.0568 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(121, 193, 219) }
```


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

```
.border{ border-color:rgb(121, 193, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 193, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(121, 193,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7413, 47.3193, 74.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 193, 219) }
```

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

```
.background{ background-color: rgb(121,  
193, 219) }
```

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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