

Converting Colors

XYZ(40.1786, 41.5258, 75.5138)

Have a look what the booklet for
XYZ(40.1786, 41.5258, 75.5138)
contains.

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Color

**XYZ(40.3094, 41.7108,
75.7385)**

Conversions

Conversions Part 1

Format	Color
Hex	92AEDF
RGB	146, 174, 223
RGB Percent	57%, 68%, 87%
CMY	0.4274, 0.3176, 0.1255
CMYK	0.35, 0.22, 0.00, 0.13
HSL	218°, 55%, 72%
HSV	218°, 35%, 87%
XYZ	40.3094, 41.7108, 75.7385
YIQ	171.2140, -32.4170, 9.3030

Conversions

Conversions Part 2

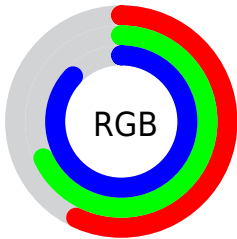
Format	Color
RYB	146, 167, 223
Decimal	9613023
CIELab	70.67, 2.08, -27.77
CIELCh	71, 27.852, 274.274
Yxy	41.7108, 0.2555, 0.2644
Android (android.graphics.Color)	4287803103 (0xFF92AEDF)
YUV	171.2140, 25.5305, -22.1127
Hunter-Lab	64.5839, -1.6128, -24.3215

Details

The XYZ color **40.3094, 41.7108, 75.7385** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.1357, 56.7944, 35.2520**, and the grayscale version is **38.7047, 40.7203, 44.3445**.

A 20% lighter version of the original color is **70.4264, 75.8152, 105.5297**, and **18.5416, 19.0734, 39.7501** is the 20% darker color. If you saturate the color by 10%, you get **34.1271, 34.6674, 74.7056**, and if you desaturate by 10%, it is **47.5573, 49.7353, 76.9061**.

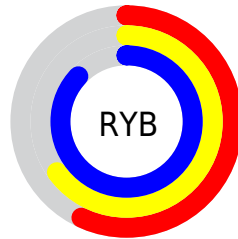
Distribution



Red (57%)

Green (68%)

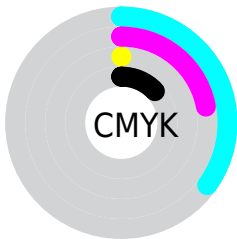
Blue (87%)



Red (57%)

Yellow (65%)

Blue (87%)

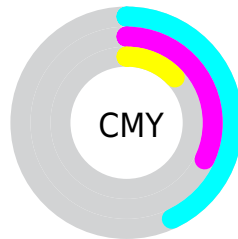


Cyan (35%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (43%)

Magenta (32%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3094, 41.7108, 75.7385 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 40.3094, 41.7108, 75.7385 by changing the saturation by 10% instead.

■ 40.3094, 41.7108,
75.7385

■ 40.3094, 41.7108,
75.7385

338.5380,
353.2827, 499.7750

■ 27.9651, 28.8749,
55.7127

■ 74.9158, 77.7617,
129.1139

■ 18.4397, 18.9862,
39.5702

■ 97.9086, 101.7456,
163.3006

■ 11.3677, 11.6603,
26.8924

125.1817,
130.2142, 203.0447

■ 6.3839, 6.5128,
17.2607

157.1003,
163.5520, 248.7647

■ 3.1227, 3.1593,
10.2566

194.0299,
202.1433, 300.8793

■ 1.2190, 1.2155,
5.4616

236.3359,

■ 0.1213, 0.0743,

246.3726, 359.8068

2.4571

284.3834,
296.6243, 425.9659

■ 0.0000, 0.0000,
0.8173

■ 0.0000, 0.0000,
0.0000

■ 40.3094, 41.7108,
75.7385

■ 40.3094, 41.7108,
75.7385

■ 34.1271, 34.6674,
74.7056

■ 47.5573, 49.7353,
76.9061

■ 28.9522, 28.5591,
73.7993

■ 55.9167, 58.7747,
78.2103

■ 24.7267, 23.3430,
73.0152

■ 65.4357, 68.8667,
79.6566

■ 21.3848, 18.9704,
72.3473

■ 76.1583, 80.0458,
81.2492

■ 18.8510, 15.3867,
71.7892

■ 87.1989, 91.8667,
82.9490

■ 17.0345, 12.5286,
71.3332

■ 90.3194, 98.1078,
83.9891

■ 16.2688, 11.2265,
71.1222

Harmonies

Analogous

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



35.9192, 41.7108, 72.3499



40.3094, 41.7108, 75.7385



44.8510, 41.7108, 69.7989

Triad

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



40.3094, 41.7108, 75.7385



47.4329, 41.7108, 32.5635



32.1812, 41.7108, 35.2608

Complementary

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



40.3094, 41.7108, 75.7385



55.1357, 56.7944, 35.2520

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.



34.8581, 41.7108, 27.4972



40.3094, 41.7108, 75.7385



43.6197, 41.7108, 26.1648

Square

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



40.3094, 41.7108, 75.7385



49.1610, 41.7108, 43.5495



38.9877, 41.7108, 24.5072



31.4436, 41.7108, 47.3350

Rectangle

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



40.3094, 41.7108, 75.7385



47.2878, 41.7108, 61.9164



38.9877, 41.7108, 24.5072



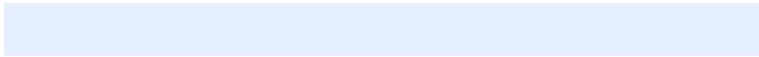
32.8733, 41.7108, 32.1431

Sweetspot

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



40.3108, 41.7124, 75.7395



81.3229, 85.5605, 106.8364



48.0668, 62.8169, 61.0842



17.0217, 17.9045, 22.8087



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.



40.3108, 41.7124, 75.7395



48.7942, 49.9140, 101.6704



37.3614, 32.9815, 74.2097



13.3581, 14.0553, 17.3966



9.6640, 6.7975, 41.8511



0.7530, 0.6375, 2.9286

Inverse Universe

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



48.3515, 39.3031, 45.0839



61.3461, 46.8677, 53.6555



58.9402, 68.9578, 37.3993



13.9122, 13.7825, 15.3078



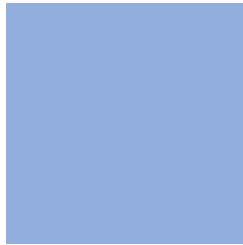
18.8181, 9.5943, 5.7080



1.3463, 0.6818, 0.6167

Previews

White Background



This preview shows how the XYZ color 40.3094, 41.7108, 75.7385 looks on a white background.

Color Contrast Check

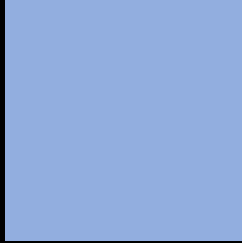
Large Text (above 18pt) WCAG AA × Fail

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 40.3094, 41.7108, 75.7385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

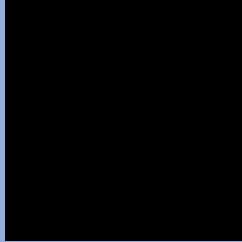
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

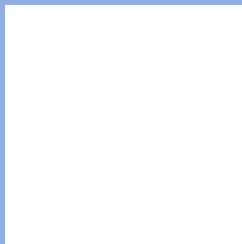
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3094, 41.7108, 75.7385

Background



This preview shows how black text looks on a background with the XYZ color 40.3094, 41.7108, 75.7385.



This preview shows how white text looks on a background with the XYZ color 40.3094, 41.7108,

75.7385.

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

40.3094, 41.7108, 75.7385

Protanopia

42.1113, 41.8199, 74.2592

Deuteranopia

42.7296, 41.8127, 76.3396



Tritanopia

36.5052, 41.6242, 57.1492

Trichromacy



Original Color

40.3094, 41.7108, 75.7385

Protanomaly

41.4549, 41.7475, 74.9804

Deuteranomaly

41.7278, 41.5756, 76.3466

Tritanomaly

37.8969, 41.6028, 63.7904

Monochromacy



Original Color

40.3094, 41.7108, 75.7385

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.9471, 40.9041, 54.5578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3094, 41.7108, 75.7385 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(146, 174, 223)` looks like.

```
.text, #text, p{  
    color:rgb(146, 174, 223)  
}
```

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(146, 174, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 223) }
```

Border

The CSS property to change the border of an element to XYZ 40.3094, 41.7108, 75.7385 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(146, 174, 223) }
```


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

```
.border{ border-color:rgb(146, 174, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 174, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 174, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 174, 223);  
box-shadow:4px 4px 4px 4px rgb(146, 174,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3094, 41.7108, 75.7385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 174, 223) }
```

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

```
.background{ background-color: rgb(146,  
174, 223) }
```

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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