

Converting Colors

XYZ(44.1674, 46.6543, 74.5907)

Have a look what the booklet for
XYZ(44.1674, 46.6543, 74.5907)
contains.

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Color

**XYZ(44.1593, 46.7174,
74.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB8DC
RGB	158, 184, 220
RGB Percent	62%, 72%, 86%
CMY	0.3804, 0.2784, 0.1373
CMYK	0.28, 0.16, 0.00, 0.14
HSL	215°, 47%, 74%
HSV	215°, 28%, 86%
XYZ	44.1593, 46.7174, 74.4001
YIQ	180.3300, -27.0520, 5.6840

Conversions

Conversions Part 2

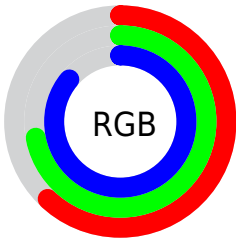
Format	Color
R _Y B	158, 176, 220
Decimal	10402012
CIE Lab	74.01, -0.71, -20.97
CIE LCh	74, 20.982, 268.054
Yxy	46.7174, 0.2672, 0.2827
Android (android.graphics.Color)	4288592092 (0xFF9EB8DC)
YUV	180.3300, 19.5573, -19.5834
Hunter-Lab	68.3501, -4.2884, -16.6929

Details

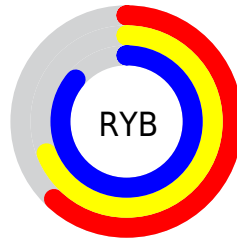
The XYZ color **44.1593, 46.7174, 74.4001** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.9792, 56.2682, 40.3121**, and the grayscale version is **43.4695, 45.7333, 49.8035**.

A 20% lighter version of the original color is **76.9416, 83.8363, 106.7345**, and **20.7335, 21.9525, 38.7418** is the 20% darker color. If you saturate the color by 10%, you get **37.6786, 39.6146, 73.3715**, and if you desaturate by 10%, it is **51.6572, 54.7025, 75.5470**.

Distribution



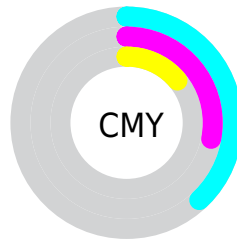
- Red (62%)
- Green (72%)
- Blue (86%)



- Red (62%)
- Yellow (69%)
- Blue (86%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (38%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1593, 46.7174, 74.4001 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 44.1593, 46.7174, 74.4001 by changing the saturation by 10% instead.

■ 44.1593, 46.7174,
74.4001

■ 44.1593, 46.7174,
74.4001

354.1992,
373.6854, 495.0534

■ 30.9942, 32.8123,
54.6228

■ 80.7023, 85.2916,
127.2021

■ 20.7462, 21.9827,
38.7032

■ 104.8108,
110.7296, 161.0639

■ 13.0500, 13.8442,
26.2229

133.2980,
140.7806, 200.4575

■ 7.5403, 8.0124,
16.7632

166.5290,
175.8290, 245.8017

■ 3.8515, 4.1029,
9.9056

204.8693,
216.2593, 297.5148

■ 1.6185, 1.7313,
5.2316

248.6842,

■ 0.4044, 0.4438,

262.4559, 356.0154

2.3227

298.3390,
314.8031, 421.7221

■ 0.0000, 0.0000,
0.7439

■ 0.0000, 0.0000,
0.0000

■ 44.1593, 46.7174,
74.4001

■ 44.1593, 46.7174,
74.4001

■ 37.6786, 39.6146,
73.3715

■ 51.6572, 54.7025,
75.5470

■ 32.1630, 33.3546,
72.4539

■ 60.2123, 63.5962,
76.8127

■ 27.5623, 27.9028,
71.6441

■ 69.8675, 73.4304,
78.2021

■ 23.8194, 23.2197,
70.9374

■ 80.6621, 84.2339,
79.7184

■ 20.8702, 19.2613,
70.3288

■ 87.6865, 93.4836,
81.1335

■ 18.6399, 15.9779,
69.8126

■ 89.9184, 97.9474,
81.8775

■ 17.0237, 13.3035,
69.3816

■ 16.7685, 12.8675,
69.3109

Harmonies

Analogous

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



40.6996, 46.7174, 70.4606



44.1593, 46.7174, 74.4001



47.8786, 46.7174, 71.3348

Triad

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



44.1593, 46.7174, 74.4001



51.0696, 46.7174, 41.7676



38.5665, 46.7174, 40.7125

Complementary

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



44.1593, 46.7174, 74.4001



54.9792, 56.2682, 40.3121

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.



41.1007, 46.7174, 34.7451



44.1593, 46.7174, 74.4001



48.3256, 46.7174, 35.2913

Square

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



44.1593, 46.7174, 74.4001



51.9999, 46.7174, 51.5711



44.6486, 46.7174, 32.9074



37.5855, 46.7174, 50.1699

Rectangle

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



44.1593, 46.7174, 74.4001



49.9803, 46.7174, 65.9428



44.6486, 46.7174, 32.9074



39.2577, 46.7174, 38.2847

Sweetspot

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



44.1608, 46.7193, 74.4012



84.2761, 89.0084, 107.3462



49.3353, 62.3127, 59.9585



17.6290, 18.6296, 22.9167



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.



44.1608, 46.7193, 74.4012



56.0125, 59.0781, 103.0588



40.0737, 37.3177, 72.8019



12.7852, 13.5101, 16.5860



9.9458, 7.7611, 40.7122



0.7283, 0.6707, 2.6655

Inverse Universe

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



50.3950, 43.1313, 51.0185



66.2766, 53.7676, 64.4279



60.0452, 68.2346, 42.3549



13.2814, 13.1417, 14.7433



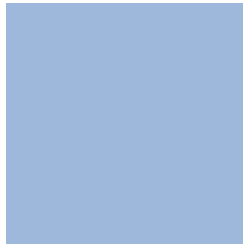
18.5155, 9.4072, 7.0948



1.2419, 0.6264, 0.6828

Previews

White Background



This preview shows how the XYZ color 44.1593, 46.7174, 74.4001 looks on a white background.

Color Contrast Check

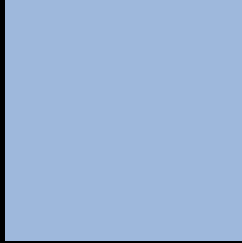
Large Text (above 18pt) WCAG AA × Fail

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 44.1593, 46.7174, 74.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

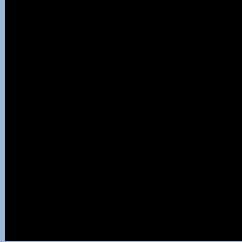
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

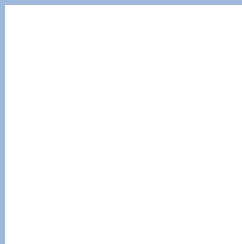
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1593, 46.7174, 74.4001

Background



This preview shows how black text looks on a background with the XYZ color 44.1593, 46.7174, 74.4001.

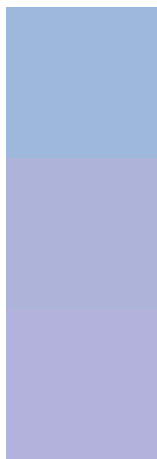


This preview shows how white text looks on a background with the XYZ color 44.1593, 46.7174,

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

44.1593, 46.7174, 74.4001

Protanopia

46.3012, 46.6509, 72.2098

Deuteranopia

47.5619, 46.6450, 74.9032



Tritanopia

41.7574, 46.6749, 62.6854

Trichromacy



Original Color

44.1593, 46.7174, 74.4001

Protanomaly

45.3272, 46.4345, 72.9034

Deuteranomaly

46.1670, 46.5209, 74.9528

Tritanomaly

42.5851, 46.6898, 67.0892

Monochromacy



Original Color

44.1593, 46.7174, 74.4001

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.3875, 45.7585, 58.1753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1593, 46.7174, 74.4001 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(158, 184, 220)` looks like.

```
.text, #text, p{  
    color:rgb(158, 184, 220)  
}
```

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(158, 184, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 184, 220) }
```

Border

The CSS property to change the border of an element to XYZ 44.1593, 46.7174, 74.4001 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(158, 184, 220) }
```


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

```
.border{ border-color:rgb(158, 184, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 184, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 184, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 184, 220);  
box-shadow:4px 4px 4px 4px rgb(158, 184,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1593, 46.7174, 74.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 184, 220) }
```

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

```
.background{ background-color: rgb(158,  
184, 220) }
```

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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