

Converting Colors

XYZ(40.6106, 43.4948, 74.6633)

Have a look what the booklet for
XYZ(40.6106, 43.4948, 74.6633)
contains.

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Color

**XYZ(40.4989, 43.3003,
74.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB3DD
RGB	143, 179, 221
RGB Percent	56%, 70%, 87%
CMY	0.4392, 0.2980, 0.1333
CMYK	0.35, 0.19, 0.00, 0.13
HSL	212°, 53%, 71%
HSV	212°, 35%, 87%
XYZ	40.4989, 43.3003, 74.6299
YIQ	173.0240, -34.9380, 5.4300

Conversions

Conversions Part 2

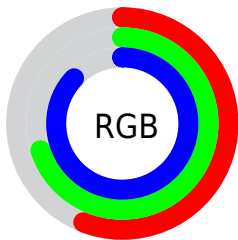
Format	Color
RYB	143, 168, 221
Decimal	9417693
CIELab	71.76, -2.02, -25.03
CIELCh	72, 25.113, 265.380
Yxy	43.3003, 0.2556, 0.2733
Android (android.graphics.Color)	4287607773 (0xFF8FB3DD)
YUV	173.0240, 23.6522, -26.3310
Hunter-Lab	65.8030, -5.2961, -21.1812

Details

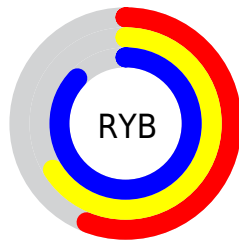
The XYZ color **40.4989, 43.3003, 74.6299** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.1264, 52.0539, 33.2879**, and the grayscale version is **39.6298, 41.6937, 45.4044**.

A 20% lighter version of the original color is **71.3115, 78.7788, 106.0550**, and **18.5602, 19.8485, 38.9293** is the 20% darker color. If you saturate the color by 10%, you get **34.7606, 36.9539, 73.7081**, and if you desaturate by 10%, it is **47.1995, 50.4503, 75.6576**.

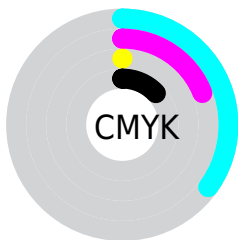
Distribution



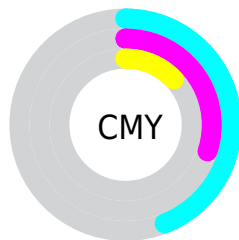
- Red (56%)
- Green (70%)
- Blue (87%)



- Red (56%)
- Yellow (66%)
- Blue (87%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (44%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4989, 43.3003, 74.6299 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 40.4989, 43.3003, 74.6299 by changing the saturation by 10% instead.

■ 40.4989, 43.3003,
74.6299

■ 40.4989, 43.3003,
74.6299

339.3204,
359.8453, 495.8660

■ 28.1137, 30.1208,
54.8098

■ 75.2021, 80.1638,
127.5306

■ 18.5523, 19.9303,
38.8519

■ 98.2509, 104.6167,
161.4483

■ 11.4493, 12.3444,
26.3376

125.5848,
133.5960, 200.9024

■ 6.4394, 6.9787,
16.8483

157.5694,
167.4864, 246.3112

■ 3.1572, 3.4488,
9.9656

194.5698,
206.6721, 298.0935

■ 1.2375, 1.3703,
5.2709

236.9516,

■ 0.1356, 0.1947,

251.5376, 356.6677

2.3455

285.0800,
302.4672, 422.4523

■ 0.0000, 0.0000,
0.7566

■ 0.0000, 0.0000,
0.0000

■ 40.4989, 43.3003,
74.6299

■ 40.4989, 43.3003,
74.6299

■ 34.7606, 36.9539,
73.7081

■ 47.1995, 50.4503,
75.6576

■ 29.9307, 31.3727,
72.8854

■ 54.9040, 58.4298,
76.7917

■ 25.9561, 26.5223,
72.1587

■ 63.6565, 67.2697,
78.0367

■ 22.7759, 22.3630,
71.5235

■ 73.4971, 76.9975,
79.3957

■ 20.3197, 18.8498,
70.9748

■ 84.4638, 87.6396,
80.8718

■ 18.5025, 15.9296,
70.5069

■ 88.6019, 95.1017,
82.0940

■ 17.8030, 14.7240,
70.3111

■ 90.0513, 98.0005,
82.5772

Harmonies

Analogous

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



36.6722, 43.3003, 69.2239



40.4989, 43.3003, 74.6299



44.7699, 43.3003, 71.6955

Triad

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



40.4989, 43.3003, 74.6299



49.0145, 43.3003, 37.7837



34.7720, 43.3003, 35.0277

Complementary

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



40.4989, 43.3003, 74.6299



52.1264, 52.0539, 33.2879

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.



37.7414, 43.3003, 28.9587



40.4989, 43.3003, 74.6299



45.9904, 43.3003, 30.3466

Square

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



40.4989, 43.3003, 74.6299



49.8784, 43.3003, 49.0630



41.8194, 43.3003, 27.4053



33.5142, 43.3003, 45.2809

Rectangle

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



40.4989, 43.3003, 74.6299



47.2700, 43.3003, 65.6327



41.8194, 43.3003, 27.4053



35.5927, 43.3003, 32.5052

Sweetspot

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



40.5003, 43.3020, 74.6309



80.8424, 85.8021, 106.9083



45.9000, 61.0394, 55.0416



16.9559, 18.0128, 22.8331



0.0000, 0.0000, 0.0000



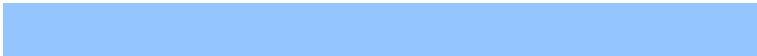
20.3446, 21.4041, 23.3091

Same Dimension

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



40.5003, 43.3020, 74.6309



50.2865, 53.5902, 102.3013



34.6578, 30.9411, 72.5529



12.8315, 13.6027, 16.6014



10.4527, 8.7748, 40.8812



0.7628, 0.7396, 2.6770

Inverse Universe

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



47.7791, 38.2730, 47.5188



61.9304, 46.4549, 58.7258



59.8485, 68.6641, 36.0870



13.3048, 13.1510, 14.8663



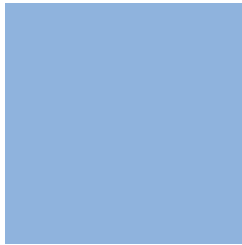
18.7714, 9.5096, 8.4420



1.2593, 0.6334, 0.7744

Previews

White Background



This preview shows how the XYZ color 40.4989, 43.3003, 74.6299 looks on a white background.

Color Contrast Check

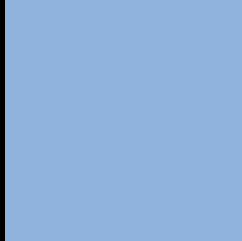
Large Text (above 18pt) WCAG AA × Fail

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 40.4989, 43.3003, 74.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

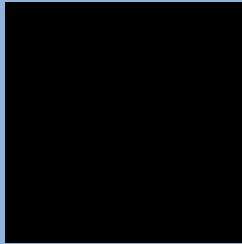
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

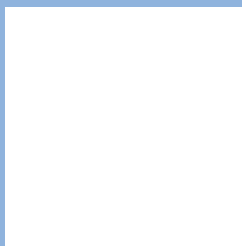
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4989, 43.3003, 74.6299

Background



This preview shows how black text looks on a background with the XYZ color 40.4989, 43.3003, 74.6299.

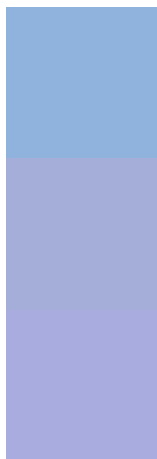


This preview shows how white text looks on a background with the XYZ color 40.4989, 43.3003,

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

40.4989, 43.3003, 74.6299

Protanopia

43.1775, 43.2812, 71.7240

Deuteranopia

44.0858, 43.1038, 75.1035



Tritanopia

37.4431, 43.2626, 59.8031

Trichromacy



Original Color

40.4989, 43.3003, 74.6299

Protanomaly

42.0849, 43.2807, 72.4656

Deuteranomaly

42.8129, 43.3048, 75.2094

Tritanomaly

38.5160, 43.4011, 64.7398

Monochromacy



Original Color

40.4989, 43.3003, 74.6299

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5245, 42.0590, 54.7502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4989, 43.3003, 74.6299 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(143, 179, 221)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 221)  
}
```

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(143, 179, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 221) }
```

Border

The CSS property to change the border of an element to XYZ 40.4989, 43.3003, 74.6299 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(143, 179, 221) }
```


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

```
.border{ border-color:rgb(143, 179, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 179, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 221);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4989, 43.3003, 74.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 221) }
```

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

```
.background{ background-color: rgb(143,  
179, 221) }
```

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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