

Converting Colors

XYZ(40.6079, 43.1058, 72.5097)

Have a look what the booklet for
XYZ(40.6079, 43.1058, 72.5097)
contains.

XYZ(40.6079, 43.1058, 72.5097)	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(40.6079, 43.1058,
72.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	93B2DA
RGB	147, 178, 218
RGB Percent	58%, 70%, 85%
CMY	0.4235, 0.3019, 0.1451
CMYK	0.33, 0.18, 0.00, 0.15
HSL	214°, 49%, 72%
HSV	214°, 33%, 85%
XYZ	40.6079, 43.1058, 72.5097
YIQ	173.2910, -31.3160, 5.8680

Conversions

Conversions Part 2

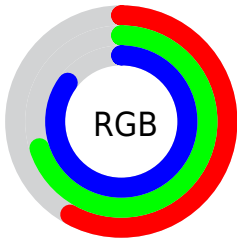
Format	Color
RYB	147, 169, 218
Decimal	9679578
CIELab	71.63, -1.12, -23.57
CIELCh	72, 23.599, 267.284
Yxy	43.1058, 0.2599, 0.2759
Android (android.graphics.Color)	4287869658 (0xFF93B2DA)
YUV	173.2910, 22.0415, -23.0572
Hunter-Lab	65.6550, -4.4933, -19.5217

Details

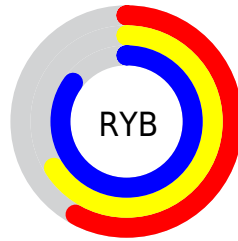
The XYZ color **40.6079, 43.1058, 72.5097** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.9510, 52.5533, 35.0107**, and the grayscale version is **39.7725, 41.8438, 45.5679**.

A 20% lighter version of the original color is **71.8299, 78.6222, 105.9975**, and **18.5606, 19.6913, 37.4729** is the 20% darker color. If you saturate the color by 10%, you get **34.7279, 36.6088, 71.5663**, and if you desaturate by 10%, it is **47.4502, 50.4257, 73.5627**.

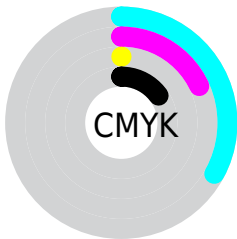
Distribution



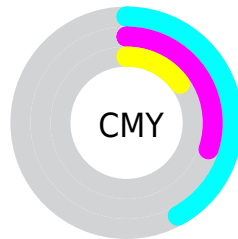
- Red (58%)
- Green (70%)
- Blue (85%)



- Red (58%)
- Yellow (66%)
- Blue (85%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6079, 43.1058, 72.5097 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 40.6079, 43.1058, 72.5097 by changing the saturation by 10% instead.

■ 40.6079, 43.1058,
72.5097

■ 40.6079, 43.1058,
72.5097

339.7698,
359.0467, 488.3389

■ 28.1992, 29.9681,
53.0858

■ 75.3668, 79.8705,
124.4954

■ 18.6171, 19.8144,
37.4830

■ 98.4476, 104.2663,
157.8942

■ 11.4963, 12.2602,
25.2830

125.8166,
133.1836, 196.7884

■ 6.4714, 6.9211,
16.0671

157.8389,
167.0069, 241.5965

■ 3.1772, 3.4128,
9.4168

194.8801,
206.1204, 292.7371

■ 1.2481, 1.3509,
4.9135

237.3054,

■ 0.1439, 0.1801,

250.9086, 350.6286

2.1387

285.4802,
301.7559, 415.6897

■ 0.0000, 0.0000,
0.6387

■ 0.0000, 0.0000,
0.0000

■ 40.6079, 43.1058,
72.5097

■ 40.6079, 43.1058,
72.5097

■ 34.7279, 36.6088,
71.5663

■ 47.4502, 50.4257,
73.5627

■ 29.7584, 30.8964,
70.7256

■ 55.2949, 58.5943,
74.7259

■ 25.6486, 25.9348,
69.9846

■ 64.1845, 67.6424,
76.0039

■ 22.3408, 21.6849,
69.3386

■ 74.1580, 77.5977,
77.3998

■ 19.7688, 18.1029,
68.7827

■ 84.8818, 88.2956,
78.8995

■ 17.8543, 15.1381,
68.3114

■ 88.6087, 95.7494,
80.1418

■ 16.7641, 13.2802,
68.0102

■ 89.6550, 97.8420,
80.4905

Harmonies

Analogous

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



36.9587, 43.1058, 67.9777



40.6079, 43.1058, 72.5097



44.5928, 43.1058, 69.3207

Triad

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



40.6079, 43.1058, 72.5097



48.1819, 43.1058, 37.5578



34.8433, 43.1058, 36.0231

Complementary

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



40.6079, 43.1058, 72.5097



51.9510, 52.5533, 35.0107

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.



37.5504, 43.1058, 29.9761



40.6079, 43.1058, 72.5097



45.2631, 43.1058, 30.7558

Square

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



40.6079, 43.1058, 72.5097



49.1304, 43.1058, 47.9849



41.3358, 43.1058, 28.2154



33.7686, 43.1058, 45.9003

Rectangle

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



40.6079, 43.1058, 72.5097



46.8761, 43.1058, 63.4914



41.3358, 43.1058, 28.2154



35.5835, 43.1058, 33.5402

Sweetspot

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



40.6093, 43.1075, 72.5107



81.8700, 86.6546, 107.0187



45.9733, 59.8941, 55.6210



17.1536, 18.1685, 22.8527



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.



40.6093, 43.1075, 72.5107



52.0907, 55.0778, 102.4933



35.7689, 32.4670, 70.7120



12.8041, 13.5479, 16.5923



10.1463, 8.1620, 40.7791



0.7421, 0.6983, 2.6701

Inverse Universe

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



47.3842, 38.9885, 47.1494



63.3588, 49.0085, 60.1369



58.2019, 66.6142, 37.3953



13.2910, 13.1455, 14.7935



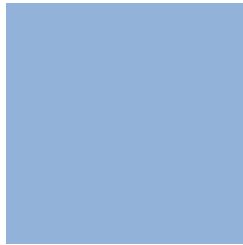
18.6167, 9.4477, 7.6276



1.2489, 0.6292, 0.7194

Previews

White Background



This preview shows how the XYZ color 40.6079, 43.1058, 72.5097 looks on a white background.

Color Contrast Check

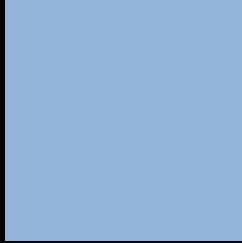
Large Text (above 18pt) WCAG AA × Fail

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 40.6079, 43.1058, 72.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

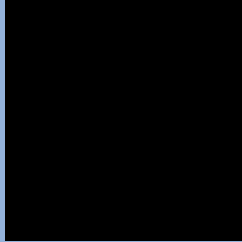
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

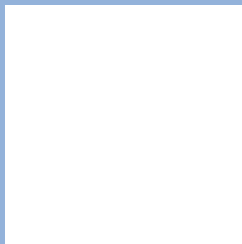
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6079, 43.1058, 72.5097

Background



This preview shows how black text looks on a background with the XYZ color 40.6079, 43.1058, 72.5097.



This preview shows how white text looks on a background with the XYZ color 40.6079, 43.1058,

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

40.6079, 43.1058, 72.5097

Protanopia

42.9352, 42.9004, 70.3077

Deuteranopia

43.9009, 43.0545, 73.0144



Tritanopia

37.8471, 43.1922, 58.5667

Trichromacy



Original Color

40.6079, 43.1058, 72.5097

Protanomaly

42.0227, 42.9887, 71.0486

Deuteranomaly

42.6202, 42.9636, 73.0643

Tritanomaly

38.9246, 43.3367, 63.4400

Monochromacy



Original Color

40.6079, 43.1058, 72.5097

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8251, 42.2266, 54.1956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6079, 43.1058, 72.5097 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(147, 178, 218)` looks like.

```
.text, #text, p{  
    color:rgb(147, 178, 218)  
}
```

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(147, 178, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 178, 218) }
```

Border

The CSS property to change the border of an element to XYZ 40.6079, 43.1058, 72.5097 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(147, 178, 218) }
```


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

```
.border{ border-color:rgb(147, 178, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 178, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 178, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 178, 218);  
box-shadow:4px 4px 4px 4px rgb(147, 178,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6079, 43.1058, 72.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 178, 218) }
```

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

```
.background{ background-color: rgb(147,  
178, 218) }
```

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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