

Converting Colors

XYZ(58.4292, 71.5777, 92.3977)

Have a look what the booklet for
XYZ(58.4292, 71.5777, 92.3977)
contains.

XYZ(58.4292, 71.5777, 92.3977)	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(58.4292, 71.5777,
92.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE9EF
RGB	156, 233, 239
RGB Percent	61%, 91%, 94%
CMY	0.3882, 0.0863, 0.0627
CMYK	0.35, 0.03, 0.00, 0.06
HSL	184°, 72%, 77%
HSV	184°, 35%, 94%
XYZ	58.4292, 71.5777, 92.3977
YIQ	210.6610, -47.8180, -14.4580

Conversions

Conversions Part 2

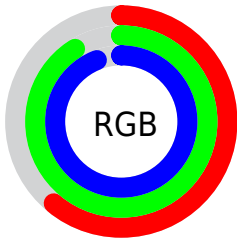
Format	Color
RYB	156, 196, 239
Decimal	10283503
CIELab	87.76, -22.12, -10.44
CIELCh	88, 24.462, 205.274
Yxy	71.5777, 0.2627, 0.3218
Android (android.graphics.Color)	4288473583 (0xFF9CE9EF)
YUV	210.6610, 13.9711, -47.9377
Hunter-Lab	84.6036, -24.7801, -5.5296

Details

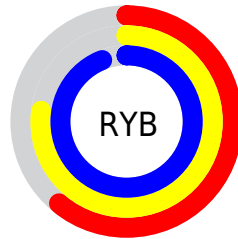
The XYZ color **58.4292, 71.5777, 92.3977** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.5188, 46.5925, 37.5740**, and the grayscale version is **61.6284, 64.8379, 70.6084**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **29.5249, 37.5725, 50.4958** is the 20% darker color. If you saturate the color by 10%, you get **53.7657, 68.4530, 92.0416**, and if you desaturate by 10%, it is **64.0117, 75.1867, 92.8013**.

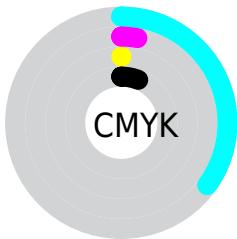
Distribution



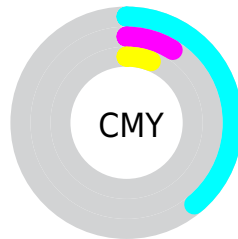
- Red (61%)
- Green (91%)
- Blue (94%)



- Red (61%)
- Yellow (77%)
- Blue (94%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (39%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4292, 71.5777, 92.3977 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 58.4292, 71.5777, 92.3977 by changing the saturation by 10% instead.

■ 58.4292, 71.5777,
92.3977

■ 58.4292, 71.5777,
92.3977

408.7115,
466.0704, 556.5701

■ 42.3984, 52.8138,
69.3861

■ 101.6670,
121.4559, 152.6290

■ 29.6058, 37.6541,
50.5525

■ 129.6047,
153.3390, 190.6857

■ 19.6862, 25.7144,
35.4784

162.2421,
190.3640, 234.5946

■ 12.2741, 16.6101,
23.7451

199.9445,
232.9152, 284.7742

■ 7.0041, 9.9569,
14.9342

243.0772,
281.3771, 341.6430

■ 3.5110, 5.3704,
8.6271

292.0058,

■ 1.4294, 2.4662,

336.1339, 405.6195

4.4053

347.0954,
397.5703, 477.1224

■ 0.2770, 0.8596,
1.8502

■ 0.0000, 0.0000,
0.4608

■ 58.4292, 71.5777,
92.3977

■ 58.4292, 71.5777,
92.3977

■ 53.7657, 68.4530,
92.0416

■ 64.0117, 75.1867,
92.8013

■ 49.9611, 65.7765,
91.7255

■ 70.5559, 79.2969,
93.2497

■ 46.9583, 63.5204,
91.4483

■ 78.1099, 83.9347,
93.7468

■ 44.6906, 61.6502,
91.2068

■ 86.7163, 89.1223,
94.2945

■ 43.0804, 60.1261,
90.9975

■ 88.4651, 90.7819,
94.5226

■ 42.0325, 58.8988,
90.8159

■ 88.9806, 91.8128,
94.6944

■ 41.6301, 58.3319,
90.7276

■ 89.5009, 92.8534,
94.8679

■ 90.0261, 93.9039,
95.0430

■ 90.5562, 94.9641,
95.2197

Harmonies

Analogous

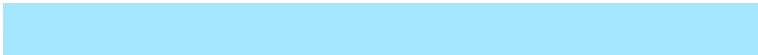
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.5029, 71.5777, 75.3316



58.4292, 71.5777, 92.3977



61.8696, 71.5777, 107.2747

Triad

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



58.4292, 71.5777, 92.3977



77.6256, 71.5777, 97.6027



68.9563, 71.5777, 50.2196

Complementary

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



58.4292, 71.5777, 92.3977



54.5188, 46.5925, 37.5740

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.



74.5915, 71.5777, 54.5028



58.4292, 71.5777, 92.3977



79.7748, 71.5777, 80.5996

Square

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



58.4292, 71.5777, 92.3977



72.9106, 71.5777, 110.5670



78.6342, 71.5777, 65.0679



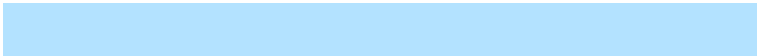
63.3769, 71.5777, 52.4539

Rectangle

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



58.4292, 71.5777, 92.3977



65.2342, 71.5777, 113.1245



78.6342, 71.5777, 65.0679



70.9096, 71.5777, 50.9252

Sweetspot

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



58.4313, 71.5805, 92.3994



85.6979, 94.3103, 108.2947



51.0585, 71.3944, 45.0565



18.0824, 20.0260, 23.1623



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.



58.4313, 71.5805, 92.3994



63.5853, 80.1878, 106.7342



48.1342, 50.9863, 88.9670



16.1439, 17.7219, 20.2914



23.0471, 32.3184, 50.1512



1.9463, 2.7466, 4.1818

Inverse Universe

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



62.1948, 48.0126, 83.0832



68.6430, 49.1400, 94.0740



62.9626, 63.4802, 40.3886



16.4021, 16.0105, 19.6736



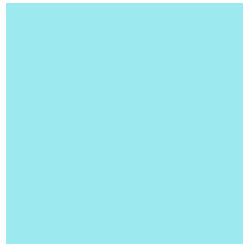
26.9587, 13.0559, 39.2947



2.2574, 1.0920, 3.3461

Previews

White Background



This preview shows how the XYZ color 58.4292, 71.5777, 92.3977 looks on a white background.

Color Contrast Check

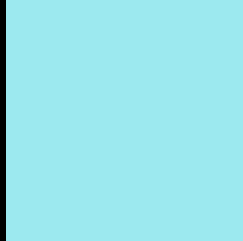
Large Text (above 18pt) WCAG AA × Fail

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 58.4292, 71.5777, 92.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

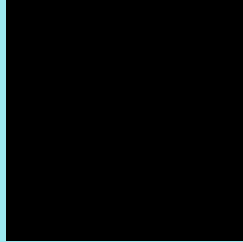
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4292, 71.5777, 92.3977

Background



This preview shows how black text looks on a background with the XYZ color 58.4292, 71.5777, 92.3977.

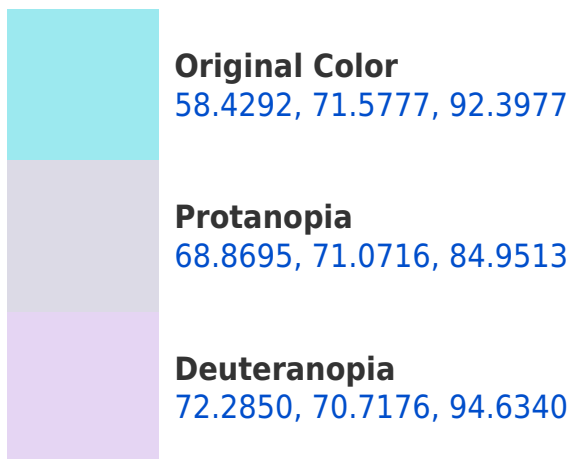


This preview shows how white text looks on a background with the XYZ color 58.4292, 71.5777,

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





Tritanopia

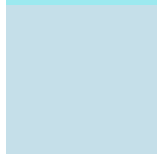
60.1293, 71.4249, 101.0597

Trichromacy



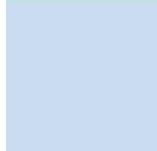
Original Color

58.4292, 71.5777, 92.3977



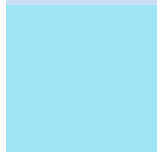
Protanomaly

64.1216, 70.5289, 87.3247



Deuteranomaly

65.9773, 70.1538, 94.0681



Tritanomaly

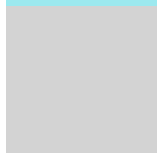
59.5917, 71.6361, 97.8751

Monochromacy



Original Color

58.4292, 71.5777, 92.3977



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.8685, 66.9599, 78.1758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4292, 71.5777, 92.3977 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(156, 233, 239)` looks like.

```
.text, #text, p{  
    color:rgb(156, 233, 239)  
}
```

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(156, 233, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 233, 239) }
```

Border

The CSS property to change the border of an element to XYZ 58.4292, 71.5777, 92.3977 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(156, 233, 239) }
```


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

```
.border{ border-color:rgb(156, 233, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 233, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(156, 233,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4292, 71.5777, 92.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 233, 239) }
```

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

```
.background{ background-color: rgb(156,  
233, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor