

Converting Colors

XYZ(66.6286, 96.9876, 95.0902)

Have a look what the booklet for
XYZ(66.6286, 96.9876, 95.0902)
contains.

XYZ(59.0721, 81.7720, 92.7909)	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(59.0721, 81.7720,
92.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	7AFFED
RGB	122, 255, 237
RGB Percent	48%, 100%, 93%
CMY	0.5215, 0.0000, 0.0706
CMYK	0.52, 0.00, 0.07, 0.00
HSL	172°, 100%, 74%
HSV	172°, 52%, 100%
XYZ	59.0721, 81.7720, 92.7909
YIQ	213.1810, -73.4900, -33.7940

Conversions

Conversions Part 2

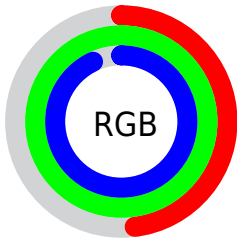
Format	Color
RYB	122, 193, 255
Decimal	8060909
CIELab	92.47, -40.87, -2.59
CIELCh	92, 40.948, 183.631
Yxy	81.7720, 0.2528, 0.3500
Android (android.graphics.Color)	4286250989 (0xFF7AFFED)
YUV	213.1810, 11.7428, -79.9657
Hunter-Lab	90.4279, -41.6435, 2.4602

Details

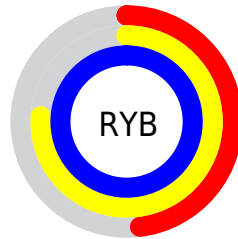
The XYZ color **59.0721, 81.7720, 92.7909** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **52.9341, 37.0739, 29.1783**, and the grayscale version is **63.3265, 66.6244, 72.5540**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **30.0559, 44.5086, 50.7230** is the 20% darker color. If you saturate the color by 10%, you get **55.4240, 79.9490, 90.0146**, and if you desaturate by 10%, it is **63.6790, 84.0881, 95.6655**.

Distribution



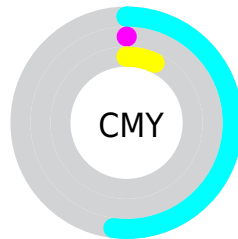
- Red (48%)
- Green (100%)
- Blue (93%)



- Red (48%)
- Yellow (76%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0721, 81.7720, 92.7909 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 59.0721, 81.7720, 92.7909 by changing the saturation by 10% instead.

59.0721, 81.7720,
92.7909

59.0721, 81.7720,
92.7909

411.0588,
500.8847, 557.8710

42.9178, 61.1776,
69.7110

102.5965,
135.8542, 153.1783

30.0148, 44.3685,
50.8156

130.6972,
170.1109, 191.3229

19.9980, 30.9603,
35.6862

163.5108,
209.6903, 235.3261

12.5018, 20.5686,
23.9042

201.4026,
254.9771, 285.6065

7.1610, 12.8091,
15.0510

244.7379,
306.3555, 342.5827

3.6102, 7.2972,
8.7082

293.8822,

1.4841, 3.6487,

364.2100, 406.6731

4.4571

349.2007,
428.9249, 478.2964

■ 0.3150, 1.4790,
1.8793

■ 0.0000, 0.2739,
0.4795

■ 59.0721, 81.7720,
92.7909

■ 59.0721, 81.7720,
92.7909

■ 55.4240, 79.9490,
90.0146

■ 63.6790, 84.0881,
95.6655

■ 52.6559, 78.5786,
87.3285

■ 69.3092, 86.9306,
98.6376

■ 50.6813, 77.6161,
84.7296

■ 76.0254, 90.3319,
101.7117

■ 49.3946, 77.0072,
82.2127

■ 83.8840, 94.3209,
104.8907

■ 48.7434, 76.7134,
80.2896

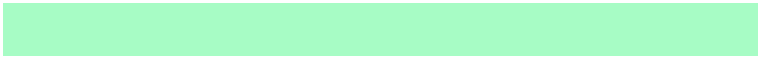
■ 92.9378, 98.9249,
108.1774

95.0500, 100.0000,
108.9000

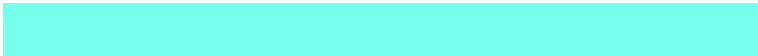
Harmonies

Analogous

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



60.8245, 81.7720, 65.5052



59.0721, 81.7720, 92.7909



61.9293, 81.7720, 125.5113

Triad

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



59.0721, 81.7720, 92.7909



89.5887, 81.7720, 147.1446



87.1488, 81.7720, 46.2455

Complementary

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



59.0721, 81.7720, 92.7909



52.9341, 37.0739, 29.1783

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.



95.9939, 81.7720, 60.4153



59.0721, 81.7720, 92.7909



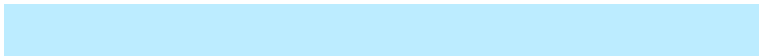
97.4902, 81.7720, 117.6182

Square

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



59.0721, 81.7720, 92.7909



79.0222, 81.7720, 161.0813



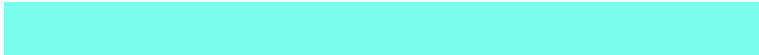
99.9339, 81.7720, 85.3834



76.4358, 81.7720, 42.4958

Rectangle

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



59.0721, 81.7720, 92.7909



66.2310, 81.7720, 144.9153



99.9339, 81.7720, 85.3834



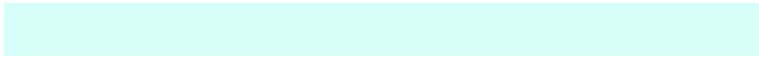
90.4703, 81.7720, 49.7598

Sweetspot

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



59.0731, 81.7725, 92.7924



80.7236, 92.7157, 103.6557



50.4207, 78.6720, 30.9418



16.9314, 19.6689, 22.0465



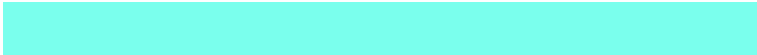
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.0731, 81.7725, 92.7924



55.1571, 79.8163, 89.7841



48.7430, 56.6904, 102.9810



18.4429, 20.4367, 22.6351



25.5105, 40.1008, 42.1689



2.5119, 3.9157, 4.2533

Inverse Universe

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



52.9341, 37.0739, 29.1783



48.4316, 30.5909, 19.9027



58.8582, 50.8753, 25.1318



18.1094, 18.0271, 19.1935



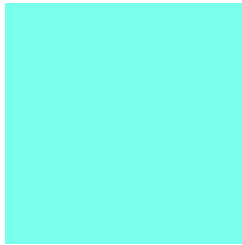
21.7339, 11.1829, 1.9834



2.1454, 1.1005, 0.3471

Previews

White Background



This preview shows how the XYZ color 59.0721, 81.7720, 92.7909 looks on a white background.

Color Contrast Check

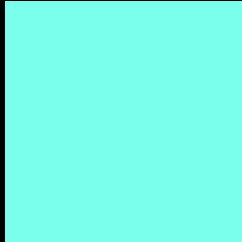
Large Text (above 18pt) WCAG AA × Fail

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 59.0721, 81.7720, 92.7909 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 59.0721, 81.7720, 92.7909

Background



This preview shows how black text looks on a background with the XYZ color 59.0721, 81.7720, 92.7909.

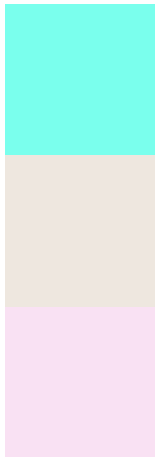


This preview shows how white text looks on a background with the XYZ color 59.0721, 81.7720,

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

59.0721, 81.7720, 92.7909

Protanopia

77.1551, 80.6567, 81.3138

Deuteranopia

82.1698, 80.4612, 95.9938



Tritanopia

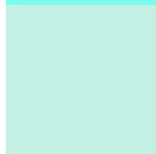
69.6290, 81.3885, 106.6474

Trichromacy



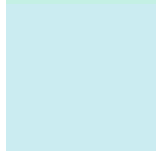
Original Color

59.0721, 81.7720, 92.7909



Protanomaly

67.9286, 79.6574, 85.1940



Deuteranomaly

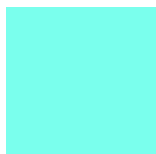
70.5012, 79.0383, 94.7592



Tritanomaly

64.9020, 80.8759, 100.9969

Monochromacy



Original Color

59.0721, 81.7720, 92.7909



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.7506, 70.4640, 79.5590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0721, 81.7720, 92.7909 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(122, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(122, 255, 237)  
}
```

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(122, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 59.0721, 81.7720, 92.7909 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(122, 255, 237) }
```


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

```
.border{ border-color:rgb(122, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0721, 81.7720, 92.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 237) }
```

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

```
.background{ background-color: rgb(122,  
255, 237) }
```

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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