

Converting Colors

XYZ(60.4009, 82.1931,
104.7769)

Have a look what the booklet for
XYZ(60.4009, 82.1931, 104.7769)
contains.

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Color

**XYZ(60.4009, 82.1931,
104.7769)**

Conversions

Conversions Part 1

Format	Color
Hex	73FFFC
RGB	115, 255, 252
RGB Percent	45%, 100%, 99%
CMY	0.5490, 0.0000, 0.0118
CMYK	0.55, 0.00, 0.01, 0.00
HSL	179°, 100%, 73%
HSV	179°, 55%, 100%
XYZ	60.4009, 82.1931, 104.7769
YIQ	212.7980, -82.4770, -30.6130

Conversions

Conversions Part 2

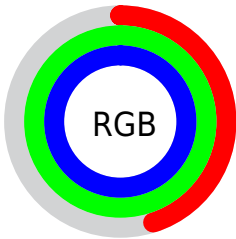
Format	Color
R _Y B	115, 186, 255
Decimal	7602172
CIE Lab	92.66, -38.49, -10.11
CIE LCh	93, 39.796, 194.715
Yxy	82.1931, 0.2442, 0.3323
Android (android.graphics.Color)	4285792252 (0xFF73FFFC)
YUV	212.7980, 19.3266, -85.7688
Hunter-Lab	90.6604, -39.7332, -5.0596

Details

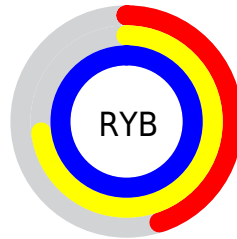
The XYZ color **60.4009, 82.1931, 104.7769** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.6418, 34.8310, 21.1949**, and the grayscale version is **63.0261, 66.3083, 72.2098**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **30.8811, 44.7596, 58.6416** is the 20% darker color. If you saturate the color by 10%, you get **57.4131, 80.6628, 104.1874**, and if you desaturate by 10%, it is **64.3184, 84.2026, 105.4142**.

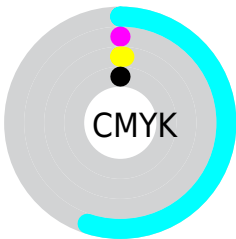
Distribution



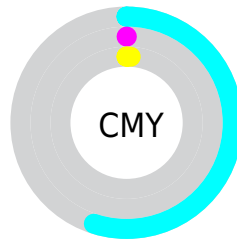
- Red (45%)
- Green (100%)
- Blue (99%)



- Red (45%)
- Yellow (73%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)




- Cyan (55%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4009, 82.1931, 104.7769 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 60.4009, 82.1931, 104.7769 by changing the saturation by 10% instead.


 60.4009, 82.1931,
104.7769


 60.4009, 82.1931,
104.7769


415.8850,
502.2934, 596.7787


 43.9925, 61.5247,
79.6568


 104.5140,
136.4448, 169.8153

 30.8625, 44.6488,
58.9115


 132.9495,
170.7968, 210.5707

 20.6455, 31.1809,
42.1223


 166.1248,
210.4789, 257.3751

 12.9761, 20.7366,
28.8708

204.4052,
255.8754, 310.6468

 7.4890, 12.9316,
18.7384

248.1560,
307.3707, 370.8045

 3.8188, 7.3815,
11.3065

297.7427,

 1.6001, 3.7018,

365.3492, 438.2667

6.1566

353.5306,
430.1953, 513.4519

■ 0.3925, 1.5082,
2.8702

■ 0.0000, 0.2945,
1.0288

■ 60.4009, 82.1931,
104.7769

■ 60.4009, 82.1931,
104.7769

■ 57.4131, 80.6628,
104.1874

■ 64.3184, 84.2026,
105.4142

■ 55.2731, 79.5695,
103.6373

■ 69.2318, 86.7255,
106.0979

■ 53.8905, 78.8667,
103.1240

■ 75.2053, 89.7949,
106.8325

■ 53.1528, 78.4963,
102.6422

■ 82.2964, 93.4404,
107.6208

■ 52.9431, 78.3932,
102.4048

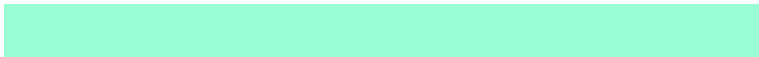
■ 90.5590, 97.6898,
108.4651

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.



60.4441, 82.1931, 75.2859



60.4009, 82.1931, 104.7769



64.8083, 82.1931, 135.9168

Triad

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



60.4009, 82.1931, 104.7769



92.9874, 82.1931, 136.4474



83.4902, 82.1931, 44.9828

Complementary

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



60.4009, 82.1931, 104.7769



50.6418, 34.8310, 21.1949

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.



93.1448, 82.1931, 55.0662



60.4009, 82.1931, 104.7769



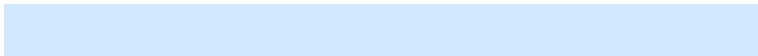
98.9490, 82.1931, 105.3866

Square

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



60.4009, 82.1931, 104.7769



83.2904, 82.1931, 156.7648



99.0090, 82.1931, 75.7751



73.1721, 82.1931, 44.8901

Rectangle

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



60.4009, 82.1931, 104.7769



69.9214, 82.1931, 151.6011



99.0090, 82.1931, 75.7751



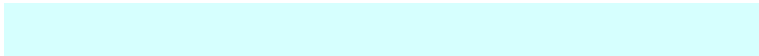
86.9401, 82.1931, 47.1970

Sweetspot

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



60.4021, 82.1937, 104.7784



81.4596, 93.0101, 107.5313



46.5553, 76.7277, 28.5778



17.1088, 19.7399, 22.9807



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.



60.4021, 82.1937, 104.7784



57.1376, 80.5218, 104.1249



43.4631, 47.5492, 101.4949



18.5371, 20.4744, 23.1312



27.6715, 40.9652, 53.5489



2.6994, 3.9907, 5.2410

Inverse Universe

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



50.6418, 34.8310, 21.1949



46.4824, 28.7713, 12.8445



60.7242, 55.2766, 23.6905



18.0252, 17.9934, 18.7497



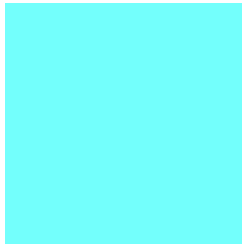
21.5712, 11.1178, 1.1266



2.1056, 1.0846, 0.1376

Previews

White Background



This preview shows how the XYZ color 60.4009, 82.1931, 104.7769 looks on a white background.

Color Contrast Check

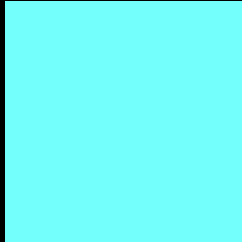
Large Text (above 18pt) WCAG AA × Fail

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 60.4009, 82.1931, 104.7769 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 60.4009, 82.1931, 104.7769

Background



This preview shows how black text looks on a background with the XYZ color 60.4009, 82.1931, 104.7769.

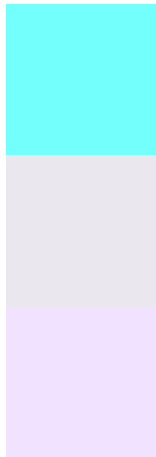


This preview shows how white text looks on a background with the XYZ color 60.4009, 82.1931,

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

60.4009, 82.1931, 104.7769

Protanopia

78.2695, 80.9870, 92.3957

Deuteranopia

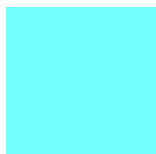
81.7947, 80.8589, 105.9040



Tritanopia

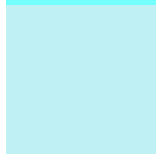
69.6290, 81.3885, 106.6474

Trichromacy



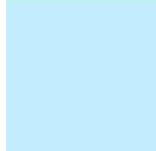
Original Color

60.4009, 82.1931, 104.7769



Protanomaly

68.8236, 79.8676, 96.5826



Deuteranomaly

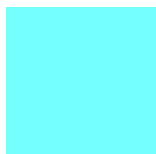
70.6793, 79.3262, 105.3522



Tritanomaly

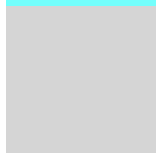
65.2507, 80.9464, 105.9511

Monochromacy



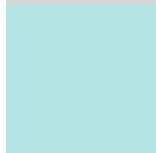
Original Color

60.4009, 82.1931, 104.7769



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.7400, 70.3800, 83.1091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4009, 82.1931, 104.7769 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(115, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(115, 255, 252)  
}
```

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(115, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.4009, 82.1931, 104.7769 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(115, 255, 252) }
```


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

```
.border{ border-color:rgb(115, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(115, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4009, 82.1931, 104.7769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 255, 252) }
```

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

```
.background{ background-color: rgb(115,  
255, 252) }
```

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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