

Converting Colors

XYZ(60.8812, 74.4378,
103.6300)

Have a look what the booklet for
XYZ(60.8812, 74.4378, 103.6300)
contains.

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Color

**XYZ(60.8038, 74.2720,
103.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	98EDFC
RGB	152, 237, 252
RGB Percent	60%, 93%, 99%
CMY	0.4039, 0.0706, 0.0118
CMYK	0.40, 0.06, 0.00, 0.01
HSL	189°, 94%, 79%
HSV	189°, 40%, 99%
XYZ	60.8038, 74.2720, 103.2267
YIQ	213.2950, -55.4750, -13.3550

Conversions

Conversions Part 2

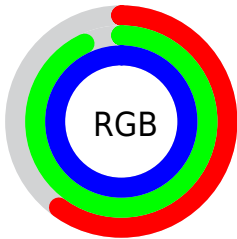
Format	Color
R _{YB}	152, 198, 252
Decimal	10022396
CIE _{Lab}	89.05, -21.98, -15.35
CIE _{LCh}	89, 26.812, 214.933
Y _{xy}	74.2720, 0.2552, 0.3117
Android (android.graphics.Color)	4288212476 (0xFF98EDFC)
YUV	213.2950, 19.0816, -53.7557
Hunter-Lab	86.1812, -24.8792, -10.6899

Details

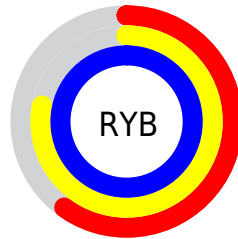
The XYZ color **60.8038, 74.2720, 103.2267** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.6325, 50.6012, 36.3319**, and the grayscale version is **63.3480, 66.6471, 72.5787**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **31.0935, 39.4208, 57.5999** is the 20% darker color. If you saturate the color by 10%, you get **55.4967, 69.9304, 102.6697**, and if you desaturate by 10%, it is **67.1404, 79.1821, 103.8418**.

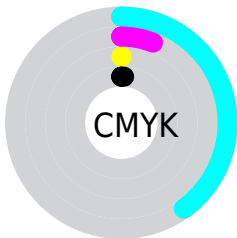
Distribution



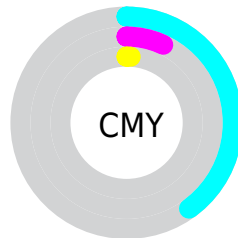
- Red (60%)
- Green (93%)
- Blue (99%)



- Red (60%)
- Yellow (78%)
- Blue (99%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8038, 74.2720, 103.2267 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 60.8038, 74.2720, 103.2267 by changing the saturation by 10% instead.

60.8038, 74.2720,
103.2267

60.8038, 74.2720,
103.2267

417.3417,
475.4116, 591.8238

44.3188, 55.0167,
78.3662

105.0945,
125.2813, 167.6748

31.1202, 39.4151,
57.8566

133.6309,
157.8041, 208.0995

20.8427, 27.0828,
41.2794

166.9152,
195.5182, 254.5492

13.1208, 17.6354,
28.2161

205.3127,
238.8079, 307.4427

7.5894, 10.6886,
18.2482

249.1887,
288.0578, 367.1983

3.8829, 5.8578,
10.9570

298.9086,

1.6361, 2.7588,

343.6520, 434.2347

5.9241

354.8378,
405.9752, 508.9703

■ 0.4158, 1.0072,
2.7310

■ 0.0000, 0.0000,
0.9590

■ 60.8038, 74.2720,
103.2267

■ 60.8038, 74.2720,
103.2267

■ 55.4967, 69.9304,
102.6697

■ 67.1404, 79.1821,
103.8418

■ 51.1483, 66.1152,
102.1625

■ 74.5582, 84.6822,
104.5124

■ 47.6891, 62.7924,
101.7034

■ 83.1136, 90.8035,
105.2430

■ 45.0374, 59.9194,
101.2886

■ 92.8569, 97.5721,
106.0360

■ 43.0960, 57.4460,
100.9135

94.5709, 99.8084,
106.3773

■ 41.7103, 55.2922,
100.5709

■ 41.6697, 55.2259,
100.5602

Harmonies

Analogous

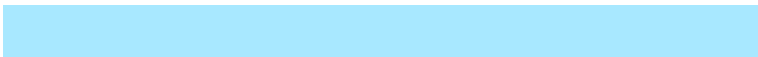
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.8224, 74.2720, 83.9974



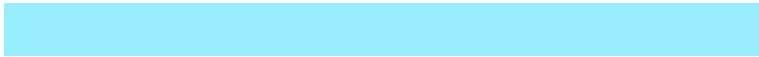
60.8038, 74.2720, 103.2267



65.4126, 74.2720, 117.9573

Triad

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



60.8038, 74.2720, 103.2267



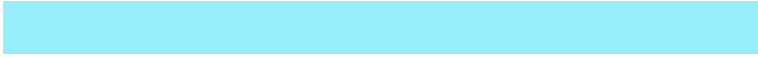
82.5723, 74.2720, 97.0594



69.5204, 74.2720, 50.1068

Complementary

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



60.8038, 74.2720, 103.2267



59.6325, 50.6012, 36.3319

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.



76.0406, 74.2720, 52.5058



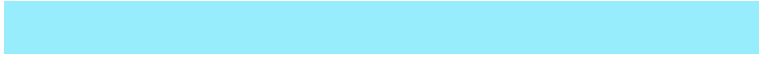
60.8038, 74.2720, 103.2267



83.8383, 74.2720, 77.8204

Square

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



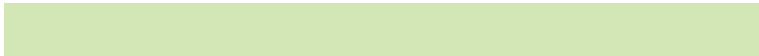
60.8038, 74.2720, 103.2267



78.0201, 74.2720, 114.0297



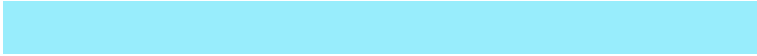
81.3809, 74.2720, 61.9988



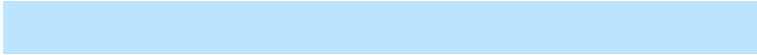
63.6534, 74.2720, 54.8556

Rectangle

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



60.8038, 74.2720, 103.2267



69.4916, 74.2720, 122.1766



81.3809, 74.2720, 61.9988



71.7066, 74.2720, 50.1121

Sweetspot

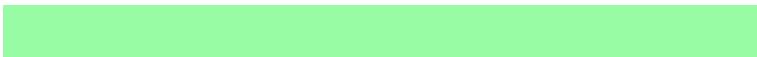
The Sweet Spot groups the original color and five complimentary colors.



60.8061, 74.2749, 103.2284



83.2279, 91.7580, 107.9322



54.5830, 79.0266, 48.1355



17.5616, 19.4604, 23.0806



0.0000, 0.0000, 0.0000



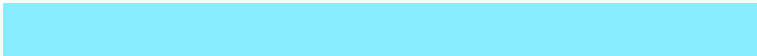
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8061, 74.2749, 103.2284



57.8406, 72.5355, 105.5600



48.6475, 49.9577, 99.1756



17.5310, 19.1388, 22.1555



21.7928, 28.9411, 52.4112



2.0766, 2.7970, 4.8736

Inverse Universe

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



66.6611, 49.2684, 86.1201



64.8067, 44.0193, 84.9279



70.1994, 71.7351, 39.8542



17.8746, 17.4772, 21.1952



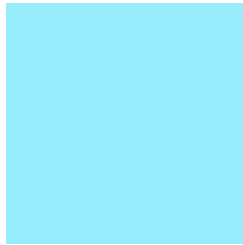
27.2920, 13.3325, 34.5758



2.5571, 1.2466, 3.3572

Previews

White Background



This preview shows how the XYZ color 60.8038, 74.2720, 103.2267 looks on a white background.

Color Contrast Check

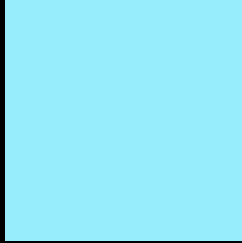
Large Text (above 18pt) WCAG AA × Fail

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 60.8038, 74.2720, 103.2267 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 60.8038, 74.2720, 103.2267

Background



This preview shows how black text looks on a background with the XYZ color 60.8038, 74.2720, 103.2267.

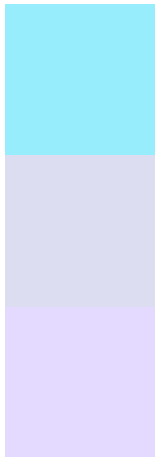


This preview shows how white text looks on a background with the XYZ color 60.8038, 74.2720,

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

60.8038, 74.2720, 103.2267

Protanopia

71.7023, 73.4959, 94.4114

Deuteranopia

74.8578, 73.3397, 104.8183



Tritanopia

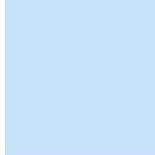
61.3719, 74.0809, 105.6722

Trichromacy



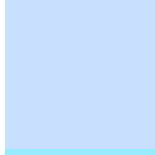
Original Color

60.8038, 74.2720, 103.2267



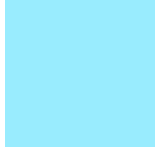
Protanomaly

66.8686, 73.3278, 97.8181



Deuteranomaly

68.3645, 72.7464, 104.2042



Tritanomaly

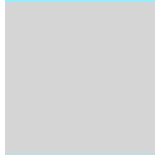
61.0217, 73.9190, 104.8175

Monochromacy



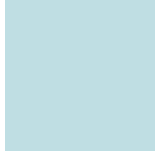
Original Color

60.8038, 74.2720, 103.2267



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.4723, 68.8650, 82.7254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8038, 74.2720, 103.2267 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(152, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(152, 237, 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(152, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 237, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.8038, 74.2720, 103.2267 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(152, 237, 252) }
```


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

```
.border{ border-color:rgb(152, 237, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(152, 237,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8038, 74.2720, 103.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 237, 252) }
```

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

```
.background{ background-color: rgb(152,  
237, 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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