

Converting Colors

XYZ(71.2577, 84.0841,
154.1927)

Have a look what the booklet for
XYZ(71.2577, 84.0841, 154.1927)
contains.

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Color

**XYZ(62.0790, 80.2056,
106.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	88F9FF
RGB	136, 249, 255
RGB Percent	53%, 98%, 100%
CMY	0.4666, 0.0235, 0.0000
CMYK	0.47, 0.02, 0.00, 0.00
HSL	183°, 100%, 77%
HSV	183°, 47%, 100%
XYZ	62.0790, 80.2056, 106.8171
YIQ	215.8970, -69.2740, -22.0900

Conversions

Conversions Part 2

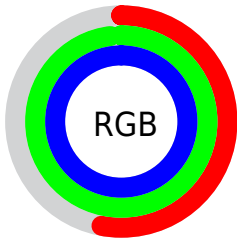
Format	Color
RYB	136, 194, 255
Decimal	8976895
CIELab	91.78, -30.74, -12.90
CIELCh	92, 33.339, 202.772
Yxy	80.2056, 0.2492, 0.3220
Android (android.graphics.Color)	4287166975 (0xFF88F9FF)
YUV	215.8970, 19.2778, -70.0697
Hunter-Lab	89.5576, -32.9942, -8.0261

Details

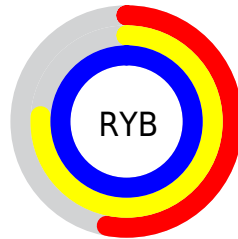
The XYZ color **62.0790, 80.2056, 106.8171** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.3574, 42.3840, 28.5577**, and the grayscale version is **65.1088, 68.4996, 74.5960**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **31.8667, 43.2323, 60.0912** is the 20% darker color. If you saturate the color by 10%, you get **58.0246, 77.5298, 106.5143**, and if you desaturate by 10%, it is **67.1254, 83.4006, 107.1678**.

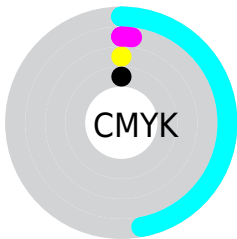
Distribution



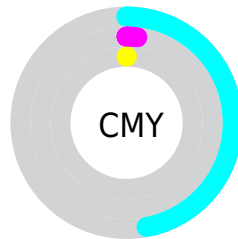
- Red (53%)
- Green (98%)
- Blue (100%)



- Red (53%)
- Yellow (76%)
- Blue (100%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0790, 80.2056, 106.8171 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 62.0790, 80.2056, 106.8171 by changing the saturation by 10% instead.

62.0790, 80.2056,
106.8171

62.0790, 80.2056,
106.8171

421.9322,
495.6254, 603.2671

45.3524, 59.8876,
81.3574

106.9290,
133.6548, 172.6276

31.9375, 43.3280,
60.3032

135.7831,
167.5547, 213.8155

21.4691, 30.1426,
43.2362

169.4104,
206.7506, 261.0831

13.5817, 19.9468,
29.7377

208.1762,
251.6271, 314.8491

7.9101, 12.3564,
19.3892

252.4459,
302.5684, 375.5320

4.0888, 6.9869,
11.7722

302.5849,

1.7525, 3.4539,

359.9590, 443.5502

6.4681

358.9586,
424.1832, 519.3224

■ 0.4888, 1.3730,
3.0584

■ 0.0000, 0.1967,
1.1245

■ 62.0790, 80.2056,
106.8171

■ 62.0790, 80.2056,
106.8171

■ 58.0246, 77.5298,
106.5143

■ 67.1254, 83.4006,
107.1678

■ 54.8848, 75.3276,
106.2547

■ 73.2215, 87.1389,
107.5681

■ 52.5814, 73.5606,
106.0350

■ 80.4279, 91.4537,
108.0211

■ 51.0198, 72.1801,
105.8509

■ 88.7990, 96.3729,
108.5294

■ 50.0814, 71.1248,
105.6966

95.0500, 100.0000,
108.9000

■ 49.8471, 70.8143,
105.6490

Harmonies

Analogous

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



61.0825, 80.2056, 81.5489



62.0790, 80.2056, 106.8171



66.7285, 80.2056, 130.3584

Triad

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



62.0790, 80.2056, 106.8171



90.0624, 80.2056, 118.9657



78.3166, 80.2056, 48.5064

Complementary

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



62.0790, 80.2056, 106.8171



55.3574, 42.3840, 28.5577

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.



86.5998, 80.2056, 54.9954



62.0790, 80.2056, 106.8171



93.7020, 80.2056, 93.3786

Square

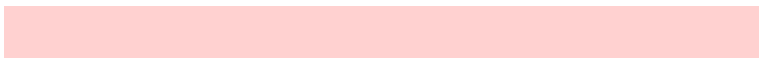
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.0790, 80.2056, 106.8171



82.7640, 80.2056, 138.2361



92.3898, 80.2056, 70.3704



70.0550, 80.2056, 50.7640

Rectangle

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



62.0790, 80.2056, 106.8171



71.4747, 80.2056, 140.3591



92.3898, 80.2056, 70.3704



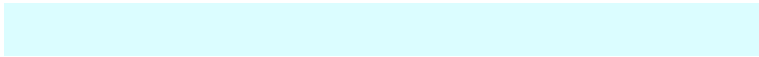
81.1980, 80.2056, 49.6885

Sweetspot

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



62.0811, 80.2086, 106.8175



82.5426, 92.7043, 108.1510



50.7933, 78.7063, 38.0882



17.2996, 19.6251, 23.1262



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.



62.0811, 80.2086, 106.8175



58.2649, 77.6926, 106.5330



46.5209, 49.0882, 101.6308



18.4718, 20.3153, 23.1976



26.0804, 37.0704, 55.2153



2.5625, 3.6557, 5.3838

Inverse Universe

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



67.1444, 45.7096, 94.9098



63.9692, 39.6577, 92.9313



66.6765, 65.0222, 32.3308



18.7508, 18.2836, 22.5709



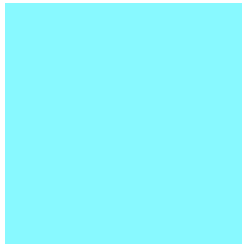
29.9524, 14.4702, 45.2611



2.9280, 1.4136, 4.4684

Previews

White Background



This preview shows how the XYZ color 62.0790, 80.2056, 106.8171 looks on a white background.

Color Contrast Check

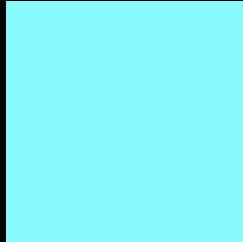
Large Text (above 18pt) WCAG AA × Fail

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 62.0790, 80.2056, 106.8171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

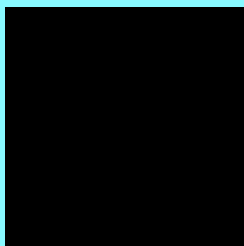
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

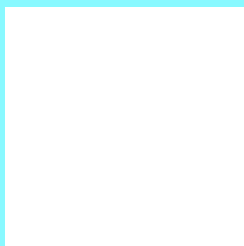
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0790, 80.2056, 106.8171

Background



This preview shows how black text looks on a background with the XYZ color 62.0790, 80.2056, 106.8171.

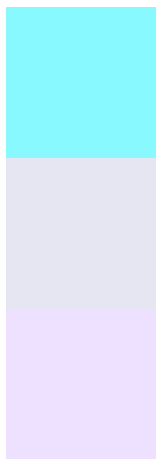


This preview shows how white text looks on a background with the XYZ color 62.0790, 80.2056,

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

62.0790, 80.2056, 106.8171

Protanopia

76.6795, 79.2724, 95.2641

Deuteranopia

79.9003, 79.0750, 105.6595



Tritanopia

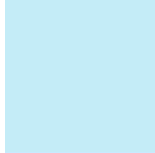
67.6368, 79.4777, 106.3836

Trichromacy



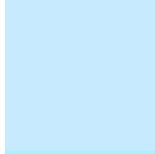
Original Color

62.0790, 80.2056, 106.8171



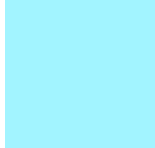
Protanomaly

69.5489, 78.4421, 99.4709



Deuteranomaly

71.2922, 78.3450, 105.9723



Tritanomaly

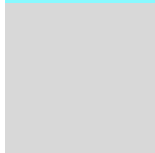
65.3010, 79.6027, 106.5309

Monochromacy



Original Color

62.0790, 80.2056, 106.8171



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.5198, 71.7648, 85.4198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0790, 80.2056, 106.8171 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(136, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 249, 255)  
}
```

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(136, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.0790, 80.2056, 106.8171 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(136, 249, 255) }
```


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

```
.border{ border-color:rgb(136, 249, 255) }
```

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

Here you see how a box with a 4 pixel rgb(136, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(136, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0790, 80.2056, 106.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 249, 255) }
```

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

```
.background{ background-color: rgb(136,  
249, 255) }
```

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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