

Converting Colors

XYZ(62.1137, 75.7934,
104.2844)

Have a look what the booklet for
XYZ(62.1137, 75.7934, 104.2844)
contains.

| | |
|--|----|
| XYZ(62.1137, 75.7934, 104.2844) | 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(62.1137, 75.7934,
104.2844)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BEFFD |
| RGB | 155, 239, 253 |
| RGB Percent | 61%, 94%, 99% |
| CMY | 0.3921, 0.0627, 0.0078 |
| CMYK | 0.39, 0.06, 0.00, 0.01 |
| HSL | 189°, 96%, 80% |
| HSV | 189°, 39%, 99% |
| XYZ | 62.1137, 75.7934, 104.2844 |
| YIQ | 215.4800, -54.5580, -13.4540 |

Conversions

Conversions Part 2

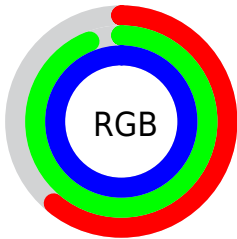
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 155, 200, 253 |
| Decimal | 10219517 |
| CIE Lab | 89.76, -21.98, -14.79 |
| CIE LCh | 90, 26.494, 213.942 |
| Yxy | 75.7934, 0.2565, 0.3129 |
| Android (android.graphics.Color) | 4288409597 (0xFF9BEFFD) |
| YUV | 215.4800, 18.4974, -53.0410 |
| Hunter-Lab | 87.0594, -25.0007, -10.0791 |

Details

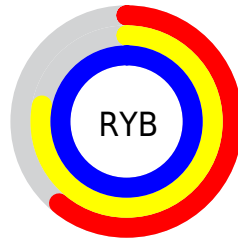
The XYZ color **62.1137, 75.7934, 104.2844** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.6137, 51.6263, 37.7824**, and the grayscale version is **64.8235, 68.1994, 74.2692**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **31.9343, 40.4492, 58.3489** is the 20% darker color. If you saturate the color by 10%, you get **56.7107, 71.4549, 103.7331**, and if you desaturate by 10%, it is **68.5596, 80.7046, 104.8939**.

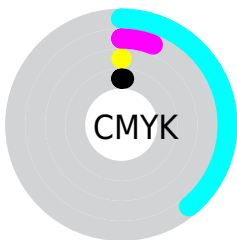
Distribution



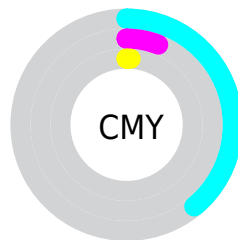
- Red (61%)
- Green (94%)
- Blue (99%)



- Red (61%)
- Yellow (78%)
- Blue (99%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1137, 75.7934, 104.2844 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 62.1137, 75.7934, 104.2844 by changing the saturation by 10% instead.

62.1137, 75.7934,
104.2844

62.1137, 75.7934,
104.2844

422.0567,
480.6402, 595.2068

45.3805, 56.2631,
79.2467

106.9789,
127.4348, 169.1356

31.9598, 40.4139,
58.5761

135.8415,
160.3148, 209.7862

21.4862, 27.8614,
41.8542

169.4781,
198.4133, 256.4781

13.5943, 18.2212,
28.6624

208.2539,
242.1150, 309.6299

7.9189, 11.1089,
18.5822

252.5343,
291.8041, 369.6601

4.0945, 6.1401,
11.1951

302.6847,

1.7557, 2.9305,

347.8651, 436.9873

6.0824

359.0703,
410.6823, 512.0301

■ 0.4908, 1.0955,
2.8256

■ 0.0000, 0.0000,
1.0063

■ 62.1137, 75.7934,
104.2844

■ 62.1137, 75.7934,
104.2844

■ 56.7107, 71.4549,
103.7331

■ 68.5596, 80.7046,
104.8939

■ 52.2796, 67.6468,
103.2316

■ 76.1001, 86.2098,
105.5591

■ 48.7512, 64.3351,
102.7783

■ 84.7918, 92.3402,
106.2843

■ 46.0442, 61.4777,
102.3695

■ 94.2403, 98.8928,
107.0511

■ 44.0620, 59.0247,
102.0005

94.7299, 99.8720,
107.2143

■ 42.6658, 56.9043,
101.6648

■ 42.5077, 56.6476,
101.6235

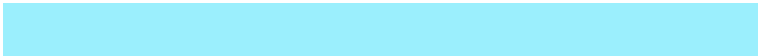
Harmonies

Analogous

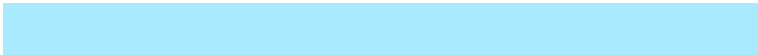
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.2213, 75.7934, 85.0239



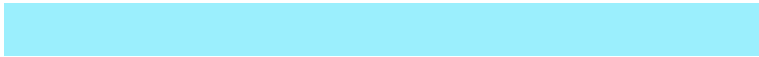
62.1137, 75.7934, 104.2844



66.6616, 75.7934, 119.2425

Triad

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



62.1137, 75.7934, 104.2844



83.9222, 75.7934, 99.3576



71.1793, 75.7934, 51.5902

Complementary

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



62.1137, 75.7934, 104.2844



60.6137, 51.6263, 37.7824

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.



77.6988, 75.7934, 54.2455



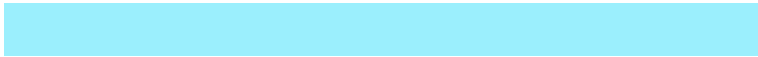
62.1137, 75.7934, 104.2844



85.3104, 75.7934, 80.0778

Square

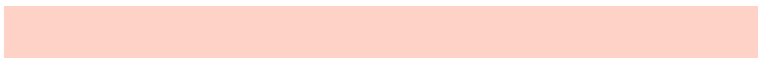
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



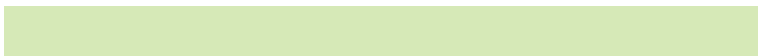
62.1137, 75.7934, 104.2844



79.2824, 75.7934, 116.1097



82.9698, 75.7934, 64.0266



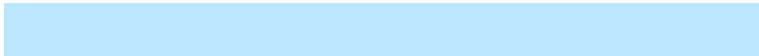
65.2514, 75.7934, 56.1366

Rectangle

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



62.1137, 75.7934, 104.2844



70.7219, 75.7934, 123.7138



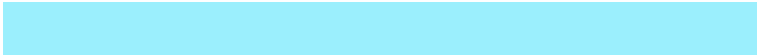
82.9698, 75.7934, 64.0266



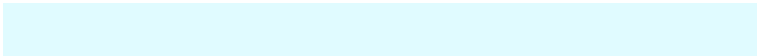
73.3730, 75.7934, 51.6748

Sweetspot

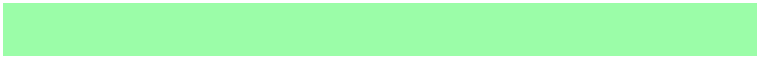
The Sweet Spot groups the original color and five complimentary colors.



62.1160, 75.7964, 104.2862



83.2961, 91.8942, 107.9549



55.7187, 80.0504, 49.5949



17.5777, 19.4926, 23.0860



0.0000, 0.0000, 0.0000



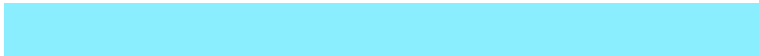
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1160, 75.7964, 104.2862



59.1277, 73.8898, 105.7535



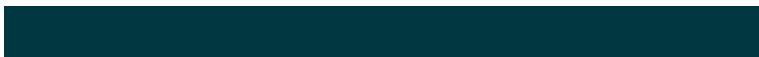
49.8653, 51.2949, 100.2026



18.3207, 20.0130, 23.1472



22.6949, 30.2994, 54.0868



2.2677, 3.0660, 5.2856

Inverse Universe

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



67.8113, 50.5593, 87.8494



65.7542, 45.5385, 86.4022



71.2561, 72.9111, 41.3299



18.6745, 18.2531, 22.1691



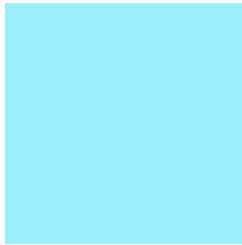
28.2435, 13.7867, 36.2626



2.7792, 1.3541, 3.6848

Previews

White Background



This preview shows how the XYZ color 62.1137, 75.7934, 104.2844 looks on a white background.

Color Contrast Check

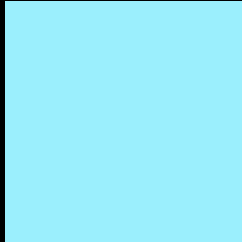
Large Text (above 18pt) WCAG AA × Fail

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 62.1137, 75.7934, 104.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

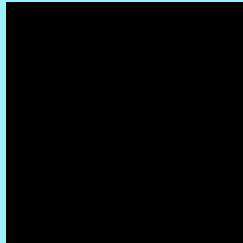
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1137, 75.7934, 104.2844

Background



This preview shows how black text looks on a background with the XYZ color 62.1137, 75.7934, 104.2844.

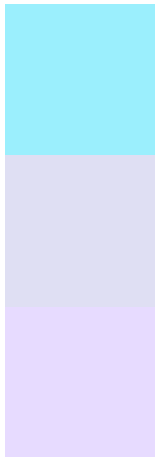


This preview shows how white text looks on a background with the XYZ color 62.1137, 75.7934,

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

62.1137, 75.7934, 104.2844

Protanopia

72.9968, 74.9344, 95.4105

Deuteranopia

76.3365, 74.8720, 105.0361



Tritanopia

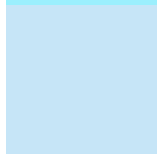
63.4384, 75.5749, 105.8516

Trichromacy



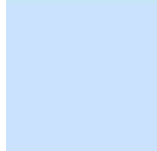
Original Color

62.1137, 75.7934, 104.2844



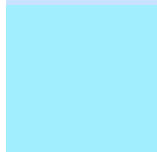
Protanomaly

68.0965, 74.7598, 98.8367



Deuteranomaly

69.7144, 74.2450, 104.4223



Tritanomaly

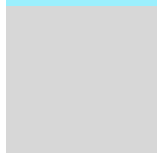
62.9611, 75.7784, 105.0742

Monochromacy



Original Color

62.1137, 75.7934, 104.2844



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.7908, 70.3059, 84.3897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1137, 75.7934, 104.2844 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(155, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(155, 239, 253)  
}
```

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(155, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 239, 253) }
```

Border

The CSS property to change the border of an element to XYZ 62.1137, 75.7934, 104.2844 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(155, 239, 253) }
```


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

```
.border{ border-color:rgb(155, 239, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 239, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 239, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 239, 253); box-shadow:4px 4px 4px 4px rgb(155, 239, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1137, 75.7934, 104.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 239, 253) }
```

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

```
.background{ background-color: rgb(155,  
239, 253) }
```

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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