

Converting Colors

XYZ(52.7333, 61.5534,
100.7415)

Have a look what the booklet for
XYZ(52.7333, 61.5534, 100.7415)
contains.

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Color

**XYZ(52.7837, 61.6522,
100.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD8FB
RGB	140, 216, 251
RGB Percent	55%, 85%, 98%
CMY	0.4510, 0.1529, 0.0157
CMYK	0.44, 0.14, 0.00, 0.02
HSL	199°, 93%, 77%
HSV	199°, 44%, 98%
XYZ	52.7837, 61.6522, 100.3849
YIQ	197.2660, -56.5310, -5.2270

Conversions

Conversions Part 2

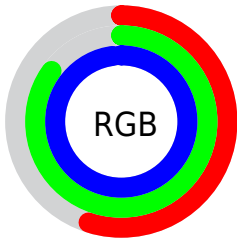
Format	Color
RYB	140, 185, 251
Decimal	9230587
CIELab	82.73, -14.57, -24.43
CIELCh	83, 28.448, 239.194
Yxy	61.6522, 0.2457, 0.2870
Android (android.graphics.Color)	4287420667 (0xFF8CD8FB)
YUV	197.2660, 26.4909, -50.2223
Hunter-Lab	78.5189, -17.4129, -20.8379

Details

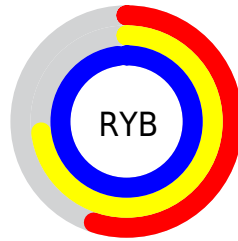
The XYZ color **52.7837, 61.6522, 100.3849** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.8487, 53.0642, 31.9010**, and the grayscale version is **53.1027, 55.8682, 60.8405**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **25.9621, 31.1786, 55.6887** is the 20% darker color. If you saturate the color by 10%, you get **47.0482, 55.7588, 99.5508**, and if you desaturate by 10%, it is **59.5853, 68.2429, 101.2996**.

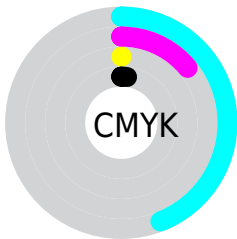
Distribution



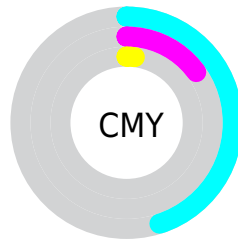
- Red (55%)
- Green (85%)
- Blue (98%)



- Red (55%)
- Yellow (73%)
- Blue (98%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7837, 61.6522, 100.3849 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 52.7837, 61.6522, 100.3849 by changing the saturation by 10% instead.

■ 52.7837, 61.6522,
100.3849

■ 52.7837, 61.6522,
100.3849

387.7292,
430.6613, 582.6832

■ 37.8569, 44.7517,
76.0033

■ 93.4534, 107.2227,
163.7425

■ 26.0484, 31.2619,
55.9286

■ 119.9270,
136.6615, 203.5556

■ 16.9927, 20.7984,
39.7421

150.9803,
171.0486, 249.3497

■ 10.3246, 12.9767,
27.0252

186.9787,
210.7683, 301.5433

■ 5.6786, 7.4125,
17.3596

228.2873,
256.2050, 360.5549

■ 2.6894, 3.7214,
10.3265

275.2717,

■ 0.9917, 1.5190,

307.7432, 426.8030

5.5076

328.2972,
365.7671, 500.7063

■ 0.0000, 0.3020,
2.4841

■ 0.0000, 0.0000,
0.8317

■ 52.7837, 61.6522,
100.3849

■ 52.7837, 61.6522,
100.3849

■ 47.0482, 55.7588,
99.5508

■ 59.5853, 68.2429,
101.2996

■ 42.3051, 50.5187,
98.7893

■ 67.5087, 75.5574,
102.2939

■ 38.4802, 45.8928,
98.0980

■ 76.6124, 83.6294,
103.3721

■ 35.4851, 41.8335,
97.4723

■ 86.9490, 92.4877,
104.5372

■ 33.2121, 38.2830,
96.9068

■ 94.4128, 99.7451,
105.5446

■ 32.1385, 36.4165,
96.6031

Harmonies

Analogous

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



48.9265, 61.6522, 84.9201



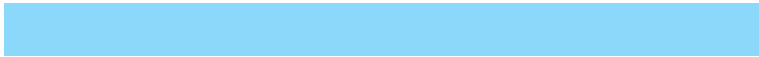
52.7837, 61.6522, 100.3849



58.4334, 61.6522, 106.7192

Triad

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



52.7837, 61.6522, 100.3849



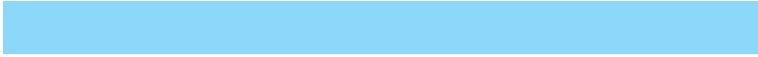
71.1523, 61.6522, 67.6033



53.0512, 61.6522, 41.8255

Complementary

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



52.7837, 61.6522, 100.3849



59.8487, 53.0642, 31.9010

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.



58.7640, 61.6522, 38.7859



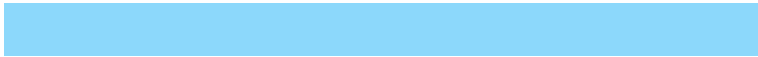
52.7837, 61.6522, 100.3849



69.4681, 61.6522, 52.0140

Square

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



52.7837, 61.6522, 100.3849



69.2831, 61.6522, 85.8829



64.8255, 61.6522, 42.1718



49.0732, 61.6522, 51.3252

Rectangle

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



52.7837, 61.6522, 100.3849



62.5478, 61.6522, 104.1954



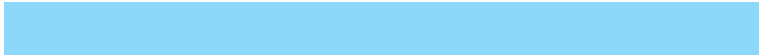
64.8255, 61.6522, 42.1718



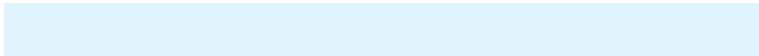
54.8192, 61.6522, 40.0959

Sweetspot

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



52.7857, 61.6546, 100.3864



80.6440, 87.7573, 107.2962



52.8860, 77.6000, 51.8805



16.7845, 18.3686, 22.9108



0.0000, 0.0000, 0.0000



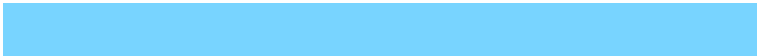
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7857, 61.6546, 100.3864



49.4151, 58.4827, 103.2916



41.1853, 38.4538, 96.5196



17.2772, 18.6313, 22.0709



17.0296, 19.4148, 50.8234



1.6722, 1.9882, 4.7388

Inverse Universe

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



61.5581, 44.2252, 70.2600



59.8709, 39.4299, 66.9983



72.4828, 78.3323, 36.1123



17.7465, 17.4259, 20.5207



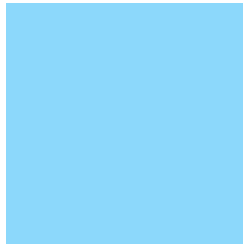
24.8878, 12.3708, 21.9153



2.3530, 1.1649, 2.2823

Previews

White Background



This preview shows how the XYZ color 52.7837, 61.6522, 100.3849 looks on a white background.

Color Contrast Check

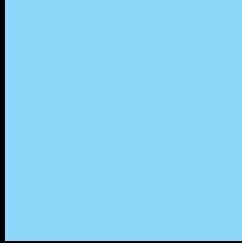
Large Text (above 18pt) WCAG AA × Fail

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 52.7837, 61.6522, 100.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

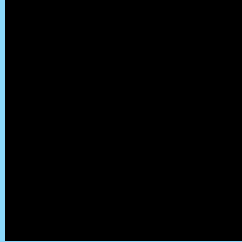
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7837, 61.6522, 100.3849

Background



This preview shows how black text looks on a background with the XYZ color 52.7837, 61.6522, 100.3849.



This preview shows how white text looks on a background with the XYZ color 52.7837, 61.6522,

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

52.7837, 61.6522, 100.3849

Protanopia

60.4089, 60.9930, 92.5933

Deuteranopia

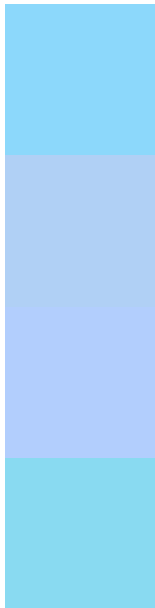
62.5955, 61.2084, 102.2812



Tritanopia

50.6252, 61.9534, 88.6469

Trichromacy



Original Color

52.7837, 61.6522, 100.3849

Protanomaly

56.9418, 60.9344, 95.1466

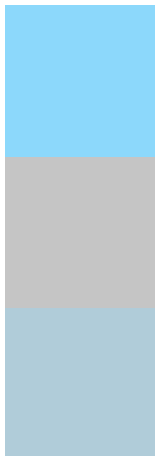
Deuteranomaly

58.1610, 60.6994, 101.5793

Tritanomaly

51.2651, 61.8120, 92.4480

Monochromacy



Original Color

52.7837, 61.6522, 100.3849

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.0217, 57.4256, 73.9880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7837, 61.6522, 100.3849 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(140, 216, 251)` looks like.

```
.text, #text, p{  
    color:rgb(140, 216, 251)  
}
```

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(140, 216, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 216, 251) }
```

Border

The CSS property to change the border of an element to XYZ 52.7837, 61.6522, 100.3849 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(140, 216, 251) }
```


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

```
.border{ border-color:rgb(140, 216, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 216, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 216, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 216, 251);  
box-shadow:4px 4px 4px 4px rgb(140, 216,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7837, 61.6522, 100.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 216, 251) }
```

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

```
.background{ background-color: rgb(140,  
216, 251) }
```

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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