

Converting Colors

XYZ(62.5757, 65.2930,
154.9483)

Have a look what the booklet for
XYZ(62.5757, 65.2930, 154.9483)
contains.

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Color

**XYZ(52.6670, 61.1392,
103.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	89D7FF
RGB	137, 215, 255
RGB Percent	54%, 84%, 100%
CMY	0.4627, 0.1568, 0.0000
CMYK	0.46, 0.16, 0.00, 0.00
HSL	200°, 100%, 77%
HSV	200°, 46%, 100%
XYZ	52.6670, 61.1392, 103.6330
YIQ	196.2380, -59.3280, -4.0960

Conversions

Conversions Part 2

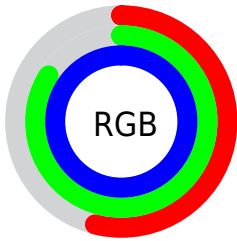
Format	Color
RYB	137, 184, 255
Decimal	9033727
CIELab	82.45, -13.69, -26.99
CIELCh	82, 30.258, 243.103
Yxy	61.1392, 0.2422, 0.2812
Android (android.graphics.Color)	4287223807 (0xFF89D7FF)
YUV	196.2380, 28.9697, -51.9517
Hunter-Lab	78.1916, -16.6041, -23.8473

Details

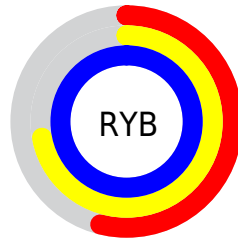
The XYZ color **52.6670, 61.1392, 103.6330** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **61.4784, 54.5115, 30.9506**, and the grayscale version is **52.4709, 55.2035, 60.1166**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **25.9057, 30.8385, 58.0131** is the 20% darker color. If you saturate the color by 10%, you get **46.8273, 54.9484, 102.7458**, and if you desaturate by 10%, it is **59.6141, 68.0763, 104.6058**.

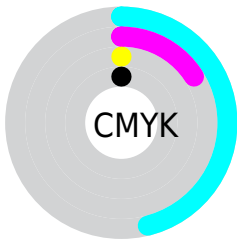
Distribution



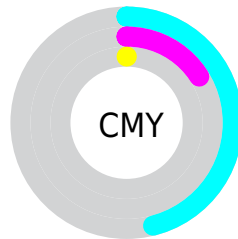
- Red (54%)
- Green (84%)
- Blue (100%)



- Red (54%)
- Yellow (72%)
- Blue (100%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6670, 61.1392, 103.6330 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 52.6670, 61.1392, 103.6330 by changing the saturation by 10% instead.

■ 52.6670, 61.1392,
103.6330

■ 52.6670, 61.1392,
103.6330

387.2880,
428.7842, 593.1245

■ 37.7634, 44.3375,
78.7043

■ 93.2826, 106.4805,
168.2361

■ 25.9755, 30.9359,
58.1329

■ 119.7253,
135.7888, 208.7477

■ 16.9379, 20.5501,
41.5001

150.7451,
170.0349, 255.2906

■ 10.2853, 12.7955,
28.3874

186.7074,
209.6030, 308.2834

■ 5.6522, 7.2879,
18.3763

227.9775,
254.8776, 368.1446

■ 2.6734, 3.6428,
11.0483

274.9207,

■ 0.9835, 1.4758,

306.2431, 435.2929

5.9847

327.9024,
364.0838, 510.1467

■ 0.0000, 0.2716,
2.7672

■ 0.0000, 0.0000,
0.9770

■ 52.6670, 61.1392,
103.6330

■ 52.6670, 61.1392,
103.6330

■ 46.8273, 54.9484,
102.7458

■ 59.6141, 68.0763,
104.6058

■ 42.0175, 49.4571,
101.9394

■ 67.7290, 75.7892,
105.6668

■ 38.1573, 44.6227,
101.2097

■ 77.0734, 84.3138,
106.8197

■ 35.1512, 40.3931,
100.5517

■ 87.7033, 93.6812,
108.0676

■ 32.8805, 36.7044,
99.9594

95.0500, 100.0000,
108.9000

■ 32.1567, 35.4334,
99.7522

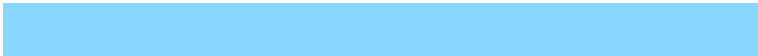
Harmonies

Analogous

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



48.3077, 61.1392, 87.9667



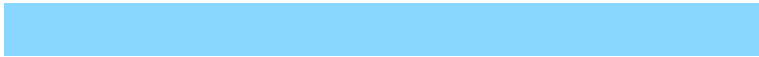
52.6670, 61.1392, 103.6330



58.7863, 61.1392, 108.8202

Triad

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



52.6670, 61.1392, 103.6330



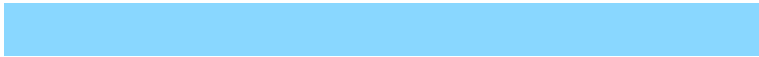
71.4278, 61.1392, 64.6620



51.5832, 61.1392, 40.9801

Complementary

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



52.6670, 61.1392, 103.6330



61.4784, 54.5115, 30.9506

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.



57.4408, 61.1392, 36.9747



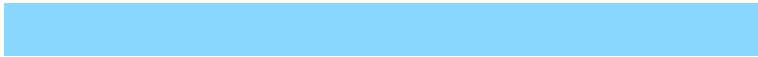
52.6670, 61.1392, 103.6330



69.1581, 61.1392, 48.9592

Square

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



52.6670, 61.1392, 103.6330



69.9164, 61.1392, 84.0089



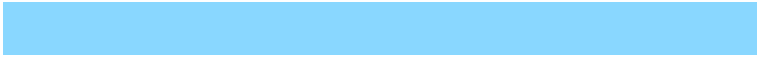
63.9177, 61.1392, 39.6015



47.7154, 61.1392, 51.7290

Rectangle

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



52.6670, 61.1392, 103.6330



63.1261, 61.1392, 104.9770



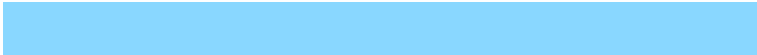
63.9177, 61.1392, 39.6015



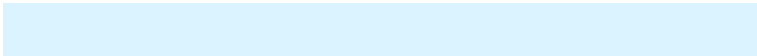
53.3688, 61.1392, 38.9010

Sweetspot

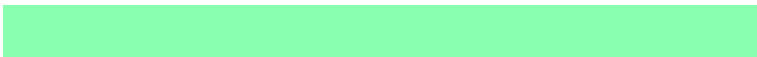
The Sweet Spot groups the original color and five complimentary colors.



52.6687, 61.1414, 103.6333



79.3741, 86.3672, 107.0948



53.9473, 79.9868, 53.8451



16.5214, 18.0686, 22.8668



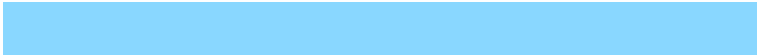
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.6687, 61.1414, 103.6333



46.9724, 55.1075, 102.7688



40.3689, 36.5417, 99.5333



18.0059, 19.3834, 23.0423



16.9464, 18.8024, 52.1706



1.7513, 2.0332, 5.1134

Inverse Universe

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



62.4526, 44.0594, 69.5049



58.2693, 37.3777, 62.9157



75.5599, 82.6746, 35.6444



18.5156, 18.1896, 21.3325



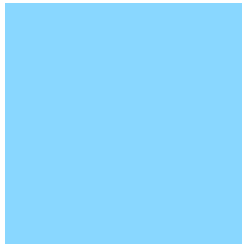
25.3420, 12.6261, 20.9831



2.5186, 1.2498, 2.3122

Previews

White Background



This preview shows how the XYZ color 52.6670, 61.1392, 103.6330 looks on a white background.

Color Contrast Check

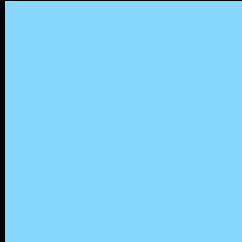
Large Text (above 18pt) WCAG AA × Fail

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 52.6670, 61.1392, 103.6330 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

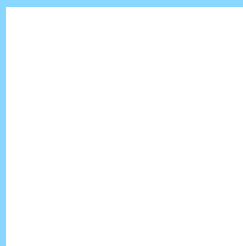
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6670, 61.1392, 103.6330

Background



This preview shows how black text looks on a background with the XYZ color 52.6670, 61.1392, 103.6330.

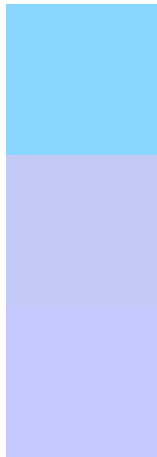


This preview shows how white text looks on a background with the XYZ color 52.6670, 61.1392,

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

52.6670, 61.1392, 103.6330

Protanopia

60.2608, 60.4970, 95.6898

Deuteranopia

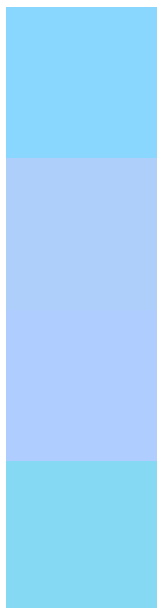
61.9626, 60.8636, 103.0898



Tritanopia

49.5718, 61.0242, 88.5230

Trichromacy



Original Color

52.6670, 61.1392, 103.6330

Protanomaly

56.8673, 60.4639, 98.2960

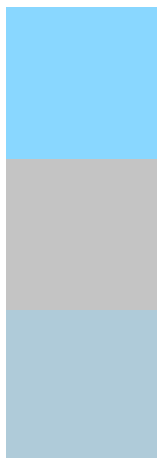
Deuteranomaly

57.8005, 60.4766, 103.2345

Tritanomaly

50.6634, 61.0833, 93.9140

Monochromacy



Original Color

52.6670, 61.1392, 103.6330

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.5595, 56.8356, 73.8985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6670, 61.1392, 103.6330 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(137, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 215, 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(137, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6670, 61.1392, 103.6330 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(137, 215, 255) }
```


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

```
.border{ border-color:rgb(137, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6670, 61.1392, 103.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 215, 255) }
```

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

```
.background{ background-color: rgb(137,  
215, 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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