

Converting Colors

XYZ(52.6944, 61.9140,
103.7811)

Have a look what the booklet for
XYZ(52.6944, 61.9140, 103.7811)
contains.

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Color

**XYZ(52.6944, 61.9140,
103.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	86D9FF
RGB	134, 217, 255
RGB Percent	53%, 85%, 100%
CMY	0.4745, 0.1490, 0.0000
CMYK	0.47, 0.15, 0.00, 0.00
HSL	199°, 100%, 76%
HSV	199°, 47%, 100%
XYZ	52.6944, 61.9140, 103.7811
YIQ	196.5150, -61.6660, -5.7780

Conversions

Conversions Part 2

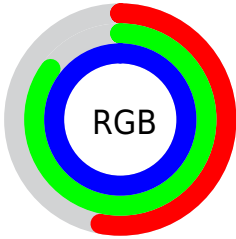
Format	Color
RYB	134, 183, 255
Decimal	8837631
CIELab	82.87, -15.40, -26.36
CIELCh	83, 30.534, 239.706
Yxy	61.9140, 0.2413, 0.2835
Android (android.graphics.Color)	4287027711 (0xFF86D9FF)
YUV	196.5150, 28.8331, -54.8257
Hunter-Lab	78.6854, -18.1609, -23.1199

Details

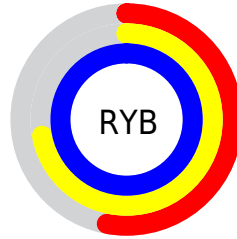
The XYZ color **52.6944, 61.9140, 103.7811** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.2965, 52.4874, 29.5095**, and the grayscale version is **52.6390, 55.3803, 60.3091**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **25.9374, 31.3737, 58.1148** is the 20% darker color. If you saturate the color by 10%, you get **47.0954, 56.0386, 102.9421**, and if you desaturate by 10%, it is **59.3769, 68.4993, 104.6999**.

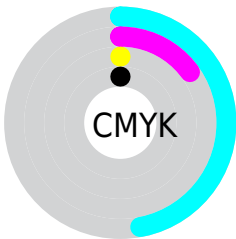
Distribution



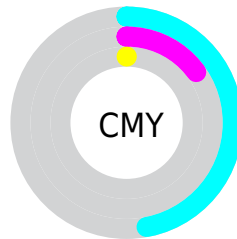
- Red (53%)
- Green (85%)
- Blue (100%)



- Red (53%)
- Yellow (72%)
- Blue (100%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6944, 61.9140, 103.7811 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 52.6944, 61.9140, 103.7811 by changing the saturation by 10% instead.

■ 52.6944, 61.9140,
103.7811

■ 52.6944, 61.9140,
103.7811

387.3916,
431.6173, 593.5983

■ 37.7854, 44.9632,
78.8276

■ 93.3227, 107.6012,
168.4407

■ 25.9926, 31.4285,
58.2336

■ 119.7727,
137.1065, 208.9839

■ 16.9508, 20.9253,
41.5805

■ 150.8004,
171.5653, 255.5607

■ 10.2945, 13.0694,
28.4499

186.7711,
211.3621, 308.5897

■ 5.6584, 7.4764,
18.4231

228.0502,
256.8813, 368.4894

■ 2.6772, 3.7618,
11.0816

275.0031,

■ 0.9854, 1.5412,

308.5074, 435.6784

6.0069

327.9951,
366.6246, 510.5752

■ 0.0000, 0.3175,
2.7804

■ 0.0000, 0.0000,
0.9836

■ 52.6944, 61.9140,
103.7811

■ 52.6944, 61.9140,
103.7811

■ 47.0954, 56.0386,
102.9421

■ 59.3769, 68.4993,
104.6999

■ 42.5015, 50.8267,
102.1782

■ 67.2034, 75.8237,
105.7012

■ 38.8318, 46.2357,
101.4855

■ 76.2359, 83.9227,
106.7884

■ 35.9889, 42.2132,
100.8589

■ 86.5306, 92.8270,
107.9645

■ 33.8464, 38.6919, 95.0500, 100.0000,
100.2921 108.9000

■ 33.3645, 37.8490,
100.1548

Harmonies

Analogous

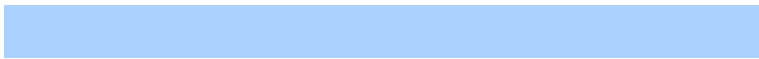
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.5300, 61.9140, 87.0066



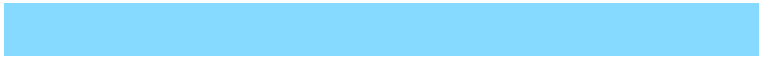
52.6944, 61.9140, 103.7811



58.7825, 61.9140, 110.5166

Triad

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



52.6944, 61.9140, 103.7811



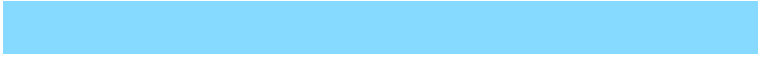
72.4245, 61.9140, 67.6000



52.7990, 61.9140, 40.5896

Complementary

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



52.6944, 61.9140, 103.7811



60.2965, 52.4874, 29.5095

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.



58.9124, 61.9140, 37.2891



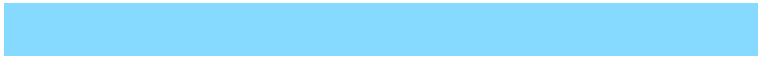
52.6944, 61.9140, 103.7811



70.5324, 61.9140, 51.0081

Square

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



52.6944, 61.9140, 103.7811



70.4591, 61.9140, 87.3891



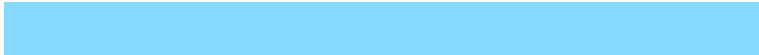
65.4617, 61.9140, 40.7224



48.5871, 61.9140, 50.7411

Rectangle

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



52.6944, 61.9140, 103.7811



63.2165, 61.9140, 107.5937



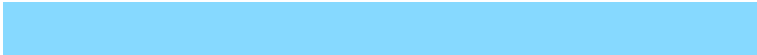
65.4617, 61.9140, 40.7224



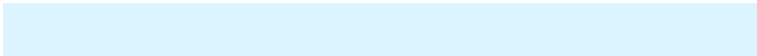
54.6844, 61.9140, 38.7367

Sweetspot

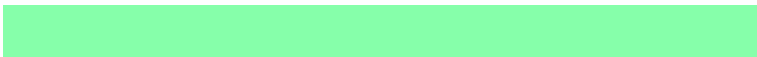
The Sweet Spot groups the original color and five complimentary colors.



52.6962, 61.9162, 103.7814



79.6410, 86.9010, 107.1838



52.8770, 79.5026, 50.7398



16.5867, 18.1991, 22.8885



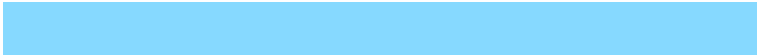
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.6962, 61.9162, 103.7814



47.3245, 56.2878, 102.9781



40.1442, 36.8124, 99.5974



18.0455, 19.4626, 23.0555



17.5734, 20.0564, 52.3796



1.8090, 2.1486, 5.1327

Inverse Universe

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



62.2907, 43.3217, 70.7268



58.3308, 36.9575, 64.6113



74.0638, 80.0220, 34.0986



18.5356, 18.1976, 21.4377



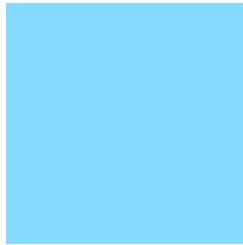
25.6584, 12.7527, 22.6496



2.5477, 1.2615, 2.4656

Previews

White Background



This preview shows how the XYZ color 52.6944, 61.9140, 103.7811 looks on a white background.

Color Contrast Check

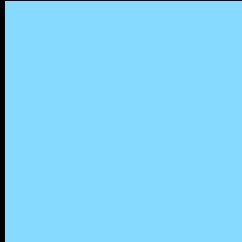
Large Text (above 18pt) WCAG AA × Fail

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 52.6944, 61.9140, 103.7811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

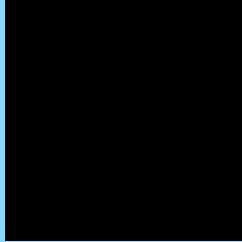
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6944, 61.9140, 103.7811

Background



This preview shows how black text looks on a background with the XYZ color 52.6944, 61.9140, 103.7811.

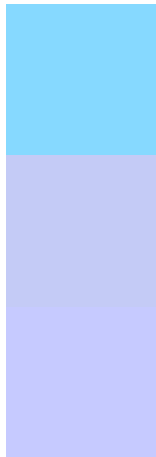


This preview shows how white text looks on a background with the XYZ color 52.6944, 61.9140,

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

52.6944, 61.9140, 103.7811

Protanopia

60.7554, 61.1015, 95.7804

Deuteranopia

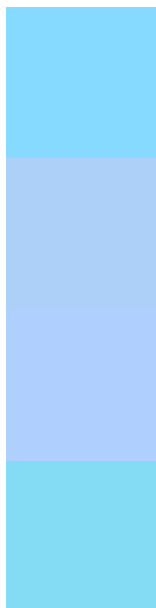
62.4592, 61.4668, 103.1801



Tritanopia

50.0791, 62.0266, 90.2218

Trichromacy



Original Color

52.6944, 61.9140, 103.7811

Protanomaly

56.8883, 60.8355, 98.3666

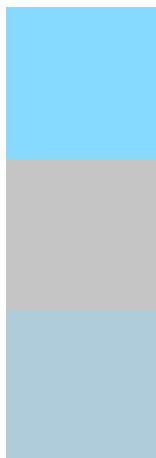
Deuteranomaly

58.0420, 60.9596, 103.3150

Tritanomaly

51.0207, 62.0200, 94.8699

Monochromacy



Original Color

52.6944, 61.9140, 103.7811

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.7033, 57.2464, 74.6543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6944, 61.9140, 103.7811 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(134, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 217, 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(134, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6944, 61.9140, 103.7811 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(134, 217, 255) }
```


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

```
.border{ border-color:rgb(134, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(134, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6944, 61.9140, 103.7811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 217, 255) }
```

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

```
.background{ background-color: rgb(134,  
217, 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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