

Converting Colors

XYZ(52.1004, 63.5309,
104.1244)

Have a look what the booklet for
XYZ(52.1004, 63.5309, 104.1244)
contains.

XYZ(52.0564, 63.5275, 104.1261)	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(52.0564, 63.5275,
104.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	79DEFF
RGB	121, 222, 255
RGB Percent	47%, 87%, 100%
CMY	0.5255, 0.1294, 0.0000
CMYK	0.53, 0.13, 0.00, 0.00
HSL	195°, 100%, 74%
HSV	195°, 53%, 100%
XYZ	52.0564, 63.5275, 104.1261
YIQ	195.5630, -70.7890, -11.1490

Conversions

Conversions Part 2

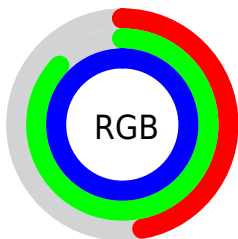
Format	Color
R _Y B	121, 179, 255
Decimal	7986943
CIE Lab	83.72, -20.74, -25.11
CIE LCh	84, 32.569, 230.453
Yxy	63.5275, 0.2369, 0.2891
Android (android.graphics.Color)	4286177023 (0xFF79DEFF)
YUV	195.5630, 29.3024, -65.3918
Hunter-Lab	79.7041, -22.9003, -21.6640

Details

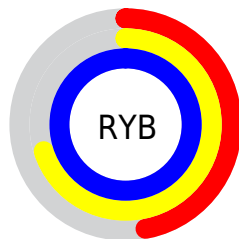
The XYZ color **52.0564, 63.5275, 104.1261** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.2476, 45.7527, 23.9577**, and the grayscale version is **52.0702, 54.7819, 59.6575**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **25.6426, 32.5554, 58.3584** is the 20% darker color. If you saturate the color by 10%, you get **47.3073, 58.6505, 103.4351**, and if you desaturate by 10%, it is **57.8155, 69.0201, 104.8828**.

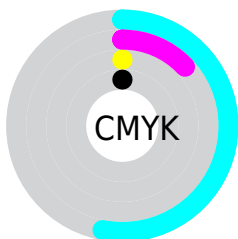
Distribution



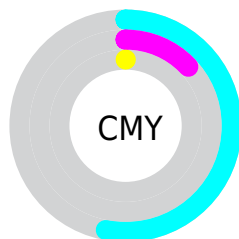
- Red (47%)
- Green (87%)
- Blue (100%)



- Red (47%)
- Yellow (70%)
- Blue (100%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0564, 63.5275, 104.1261 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 52.0564, 63.5275, 104.1261 by changing the saturation by 10% instead.

■ 52.0564, 63.5275,
104.1261

■ 52.0564, 63.5275,
104.1261

384.9747,
437.4814, 594.7012

■ 37.2745, 46.2681,
79.1148

■ 92.3881, 109.9302,
168.9171

■ 25.5947, 32.4574,
58.4684

■ 118.6687,
139.8422, 209.5339

■ 16.6518, 21.7111,
41.7681

■ 149.5128,
174.7406, 256.1896

■ 10.0803, 13.6448,
28.5955

185.2859,
215.0097, 309.3028

■ 5.5149, 7.8740,
18.5321

226.3532,
261.0340, 369.2920

■ 2.5903, 4.0144,
11.1593

273.0803,

■ 0.9410, 1.6816,

313.1977, 436.5758

6.0586

325.8323,
371.8854, 511.5727

■ 0.0000, 0.4117,
2.8114

■ 0.0000, 0.0000,
0.9991

■ 52.0564, 63.5275,
104.1261

■ 52.0564, 63.5275,
104.1261

■ 47.3073, 58.6505,
103.4351

■ 57.8155, 69.0201,
104.8828

■ 43.4859, 54.3417,
102.8048

■ 64.6478, 75.1577,
105.7073

■ 40.5055, 50.5566,
102.2313

■ 72.6172, 81.9758,
106.6033

■ 38.2590, 47.2391,
101.7093

■ 81.7812, 89.5047,
107.5736

■ 36.9448, 45.0095,
101.3483

■ 92.1930, 97.7730,
108.6207

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.4118, 63.5275, 83.8365



52.0564, 63.5275, 104.1261



58.1329, 63.5275, 115.6290

Triad

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



52.0564, 63.5275, 104.1261



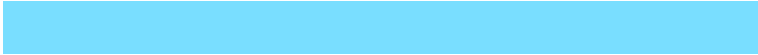
74.9535, 63.5275, 75.8975



55.7105, 63.5275, 38.4894

Complementary

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



52.0564, 63.5275, 104.1261



56.2476, 45.7527, 23.9577

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.



62.6862, 63.5275, 37.1960



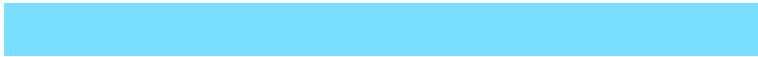
52.0564, 63.5275, 104.1261



74.1763, 63.5275, 56.3234

Square

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



52.0564, 63.5275, 104.1261



71.5955, 63.5275, 97.3400



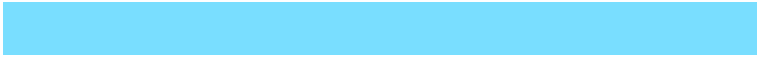
69.5489, 63.5275, 43.0708



50.4033, 63.5275, 47.0390

Rectangle

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



52.0564, 63.5275, 104.1261



62.9057, 63.5275, 115.4771



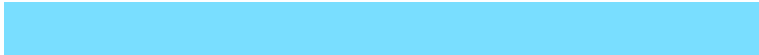
69.5489, 63.5275, 43.0708



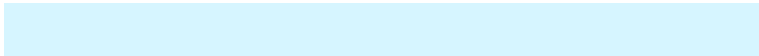
57.9248, 63.5275, 37.2674

Sweetspot

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



52.0582, 63.5298, 104.1265



78.4781, 86.8225, 107.2299



49.3358, 77.8613, 42.2509



16.3911, 18.2503, 22.9087



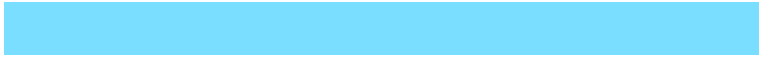
0.0000, 0.0000, 0.0000



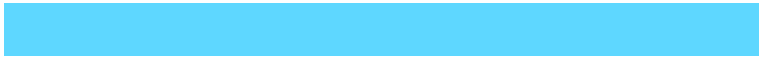
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0582, 63.5298, 104.1265



47.1145, 58.4432, 103.4052



37.9487, 35.3107, 99.4233



18.1537, 19.6791, 23.0916



19.4281, 23.7658, 52.9979



1.9774, 2.4854, 5.1888

Inverse Universe

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



61.2634, 40.2103, 73.6421



57.5962, 34.2567, 68.1629



70.0931, 73.4438, 28.5729



18.5902, 18.2194, 21.7253



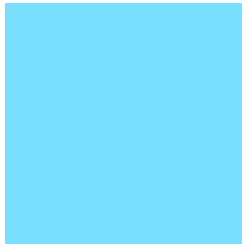
26.5946, 13.1271, 27.5794



2.6327, 1.2955, 2.9132

Previews

White Background



This preview shows how the XYZ color 52.0564, 63.5275, 104.1261 looks on a white background.

Color Contrast Check

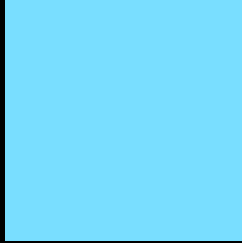
Large Text (above 18pt) WCAG AA × Fail

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 52.0564, 63.5275, 104.1261 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 52.0564, 63.5275, 104.1261

Background



This preview shows how black text looks on a background with the XYZ color 52.0564, 63.5275, 104.1261.

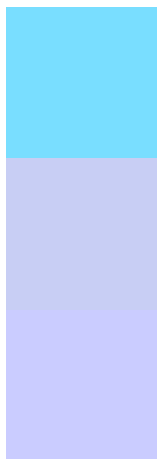


This preview shows how white text looks on a background with the XYZ color 52.0564, 63.5275,

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

52.0564, 63.5275, 104.1261

Protanopia

62.2199, 62.9536, 94.4599

Deuteranopia

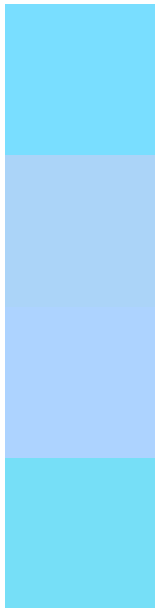
64.0000, 62.9623, 103.3875



Tritanopia

49.8851, 63.4351, 93.6194

Trichromacy



Original Color

52.0564, 63.5275, 104.1261

Protanomaly

57.2813, 62.5222, 97.8559

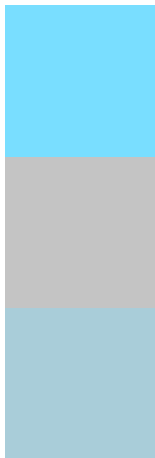
Deuteranomaly

58.5778, 62.6928, 103.6213

Tritanomaly

50.6474, 63.3423, 97.5526

Monochromacy



Original Color

52.0564, 63.5275, 104.1261

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.7179, 57.1074, 73.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0564, 63.5275, 104.1261 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(121, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 222, 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(121, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.0564, 63.5275, 104.1261 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(121, 222, 255) }
```


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

```
.border{ border-color:rgb(121, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0564, 63.5275, 104.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 222, 255) }
```

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

```
.background{ background-color: rgb(121,  
222, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor