

Converting Colors

XYZ(52.4834, 64.0880,
104.2118)

Have a look what the booklet for
XYZ(52.4834, 64.0880, 104.2118)
contains.

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Color

**XYZ(52.4637, 64.1329,
104.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	7ADFFF
RGB	122, 223, 255
RGB Percent	48%, 87%, 100%
CMY	0.5215, 0.1255, 0.0000
CMYK	0.52, 0.13, 0.00, 0.00
HSL	194°, 100%, 74%
HSV	194°, 52%, 100%
XYZ	52.4637, 64.1329, 104.2215
YIQ	196.4490, -70.4680, -11.4600

Conversions

Conversions Part 2

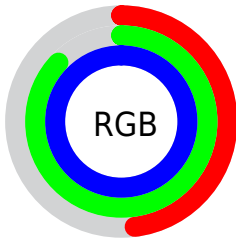
Format	Color
RYB	122, 179, 255
Decimal	8052735
CIELab	84.03, -21.03, -24.63
CIELCh	84, 32.390, 229.503
Yxy	64.1329, 0.2376, 0.2904
Android (android.graphics.Color)	4286242815 (0xFF7ADFFF)
YUV	196.4490, 28.8656, -65.2918
Hunter-Lab	80.0830, -23.2070, -21.1030

Details

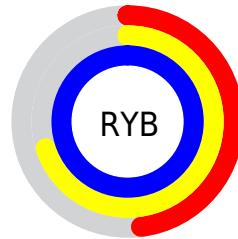
The XYZ color **52.4637, 64.1329, 104.2215** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.3093, 45.7774, 24.2825**, and the grayscale version is **52.6030, 55.3425, 60.2680**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **25.8830, 32.9523, 58.4223** is the 20% darker color. If you saturate the color by 10%, you get **47.7063, 59.2923, 103.5379**, and if you desaturate by 10%, it is **58.2312, 69.5852, 104.9699**.

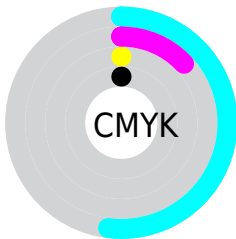
Distribution



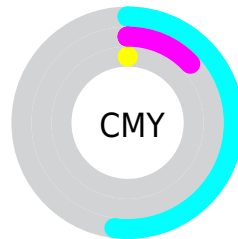
- Red (48%)
- Green (87%)
- Blue (100%)



- Red (48%)
- Yellow (70%)
- Blue (100%)



- Cyan (52%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4637, 64.1329, 104.2215 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 52.4637, 64.1329, 104.2215 by changing the saturation by 10% instead.

52.4637, 64.1329,
104.2215

52.4637, 64.1329,
104.2215

386.5188,
439.6694, 595.0059

37.6006, 46.7583,
79.1943

92.9849, 110.8023,
169.0488

25.8486, 32.8446,
58.5333

119.3737,
140.8659, 209.6859

16.8425, 22.0075,
41.8200

150.3352,
175.9280, 256.3635

10.2169, 13.8624,
28.6359

186.2345,
216.3730, 309.4999

5.6064, 8.0250,
18.5623

227.4372,
262.5852, 369.5139

2.6456, 4.1110,
11.1809

274.3086,

0.9693, 1.7358,

314.9491, 436.8238

6.0729

327.2140,
373.8490, 511.8483

■ 0.0000, 0.4467,
2.8200

■ 0.0000, 0.0000,
1.0035

■ 52.4637, 64.1329,
104.2215

■ 52.4637, 64.1329,
104.2215

■ 47.7063, 59.2923,
103.5379

■ 58.2312, 69.5852,
104.9699

■ 43.8771, 55.0160,
102.9143

■ 65.0716, 75.6783,
105.7855

■ 40.8900, 51.2603,
102.3468

■ 73.0487, 82.4473,
106.6716

■ 38.6388, 47.9692,
101.8302

■ 82.2196, 89.9226,
107.6311

■ 37.2640, 45.6481,
101.4547

■ 92.6374, 98.1325,
108.6667

95.0500, 100.0000,
108.9000

Harmonies

Analogous

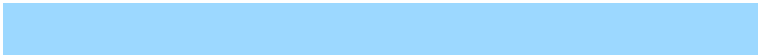
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.9031, 64.1329, 83.8043



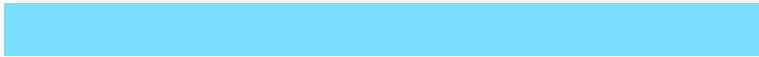
52.4637, 64.1329, 104.2215



58.4878, 64.1329, 116.0946

Triad

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



52.4637, 64.1329, 104.2215



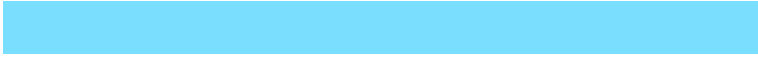
75.4853, 64.1329, 77.2454



56.4845, 64.1329, 38.9233

Complementary

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



52.4637, 64.1329, 104.2215



56.3093, 45.7774, 24.2825

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.



63.4935, 64.1329, 37.8505



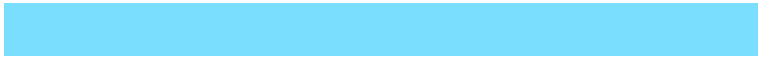
52.4637, 64.1329, 104.2215



74.8435, 64.1329, 57.5022

Square

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



52.4637, 64.1329, 104.2215



72.0103, 64.1329, 98.6208



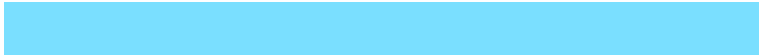
70.3195, 64.1329, 43.9825



51.0959, 64.1329, 47.2705

Rectangle

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



52.4637, 64.1329, 104.2215



63.2524, 64.1329, 116.2611



70.3195, 64.1329, 43.9825



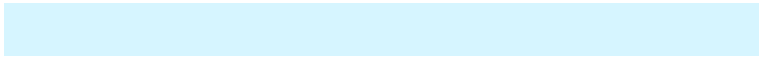
58.7166, 64.1329, 37.7717

Sweetspot

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



52.4655, 64.1352, 104.2219



78.5481, 86.9625, 107.2533



49.5398, 77.9592, 42.5901



16.4079, 18.2838, 22.9143



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.



52.4655, 64.1352, 104.2219



47.3476, 58.9093, 103.4829



38.2138, 35.6318, 99.4713



18.1628, 19.6972, 23.0946



19.5933, 24.0961, 53.0529



1.9922, 2.5151, 5.1937

Inverse Universe

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



61.5200, 40.5085, 74.3909



57.7138, 34.3038, 68.7825



70.2246, 73.6079, 28.9209



18.5948, 18.2212, 21.7495



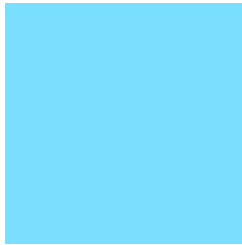
26.6780, 13.1605, 28.0184



2.6402, 1.2984, 2.9526

Previews

White Background



This preview shows how the XYZ color 52.4637, 64.1329, 104.2215 looks on a white background.

Color Contrast Check

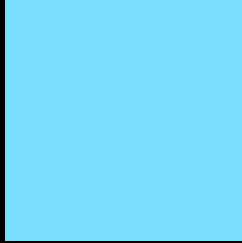
Large Text (above 18pt) WCAG AA × Fail

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 52.4637, 64.1329, 104.2215 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 52.4637, 64.1329, 104.2215

Background



This preview shows how black text looks on a background with the XYZ color 52.4637, 64.1329, 104.2215.

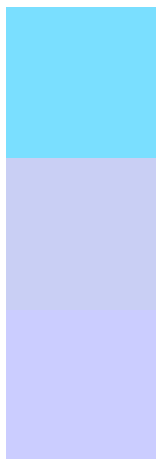


This preview shows how white text looks on a background with the XYZ color 52.4637, 64.1329,

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

52.4637, 64.1329, 104.2215

Protanopia

62.7294, 63.5748, 94.5529

Deuteranopia

64.5099, 63.5792, 103.4797



Tritanopia

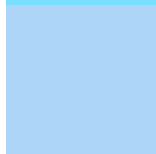
50.5741, 64.1730, 94.5151

Trichromacy



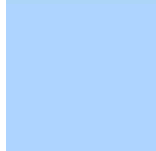
Original Color

52.4637, 64.1329, 104.2215



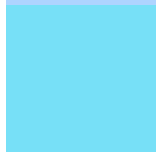
Protanomaly

57.7508, 63.1365, 97.9497



Deuteranomaly

59.0490, 63.3056, 103.7147



Tritanomaly

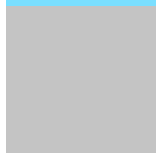
51.0519, 63.9486, 97.6483

Monochromacy



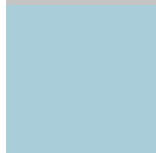
Original Color

52.4637, 64.1329, 104.2215



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

50.9579, 57.5874, 74.0754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4637, 64.1329, 104.2215 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(122, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 223, 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(122, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4637, 64.1329, 104.2215 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(122, 223, 255) }
```


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

```
.border{ border-color:rgb(122, 223, 255) }
```

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

Here you see how a box with a 4 pixel rgb(122, 223, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4637, 64.1329, 104.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 223, 255) }
```

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

```
.background{ background-color: rgb(122,  
223, 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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