

Converting Colors

XYZ(52.6117, 63.7989,
104.1492)

Have a look what the booklet for
XYZ(52.6117, 63.7989, 104.1492)
contains.

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Color

**XYZ(52.6287, 63.8225,
104.1529)**

Conversions

Conversions Part 1

Format	Color
Hex	7DDEFF
RGB	125, 222, 255
RGB Percent	49%, 87%, 100%
CMY	0.5098, 0.1294, 0.0000
CMYK	0.51, 0.13, 0.00, 0.00
HSL	195°, 100%, 75%
HSV	195°, 51%, 100%
XYZ	52.6287, 63.8225, 104.1529
YIQ	196.7590, -68.4050, -10.3010

Conversions

Conversions Part 2

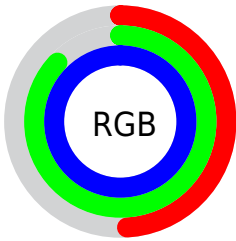
Format	Color
R _Y B	125, 181, 255
Decimal	8249087
CIE Lab	83.87, -19.91, -24.87
CIE LCh	84, 31.853, 231.318
Yxy	63.8225, 0.2386, 0.2893
Android (android.graphics.Color)	4286439167 (0xFF7DDEFF)
YUV	196.7590, 28.7128, -62.9326
Hunter-Lab	79.8890, -22.2148, -21.3753

Details

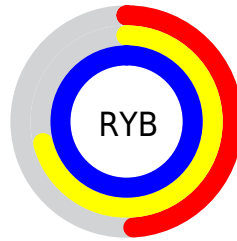
The XYZ color **52.6287, 63.8225, 104.1529** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.1693, 47.1954, 25.5005**, and the grayscale version is **52.7893, 55.5385, 60.4814**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **25.9984, 32.7388, 58.3750** is the 20% darker color. If you saturate the color by 10%, you get **47.6869, 58.7729, 103.4387**, and if you desaturate by 10%, it is **58.5956, 69.5013, 104.9345**.

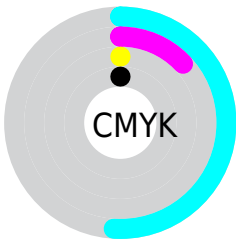
Distribution



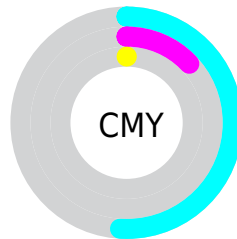
- Red (49%)
- Green (87%)
- Blue (100%)



- Red (49%)
- Yellow (71%)
- Blue (100%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6287, 63.8225, 104.1529 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 52.6287, 63.8225, 104.1529 by changing the saturation by 10% instead.

■ 52.6287, 63.8225,
104.1529

■ 52.6287, 63.8225,
104.1529

387.1432,
438.5484, 594.7868

■ 37.7327, 46.5069,
79.1372

■ 93.2265, 110.3553,
168.9541

■ 25.9516, 32.6460,
58.4866

■ 119.6591,
140.3412, 209.5766

■ 16.9199, 21.8554,
41.7827

■ 150.6679,
175.3195, 256.2385

■ 10.2724, 13.7507,
28.6069

186.6183,
215.6744, 309.3582

■ 5.6436, 7.9475,
18.5406

227.8757,
261.7903, 369.3544

■ 2.6682, 4.0614,
11.1654

274.8054,

■ 0.9808, 1.7079,

314.0517, 436.6455

6.0626

327.7728,
372.8429, 511.6501

■ 0.0000, 0.4288,
2.8138

■ 0.0000, 0.0000,
1.0004

■ 52.6287, 63.8225,
104.1529

■ 52.6287, 63.8225,
104.1529

■ 47.6869, 58.7729,
103.4387

■ 58.5956, 69.5013,
104.9345

■ 43.6892, 54.3055,
102.7871

■ 65.6495, 75.8382,
105.7859

■ 40.5511, 50.3770,
102.1942

■ 73.8539, 82.8682,
106.7104

■ 38.1688, 46.9329,
101.6550

■ 83.2653, 90.6216,
107.7109

■ 36.5227, 44.1653,
101.2076

93.9367, 99.1268,
108.7901

95.0500, 100.0000,
108.9000

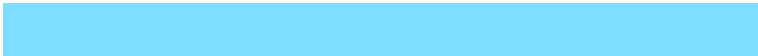
Harmonies

Analogous

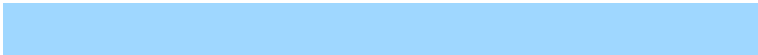
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.9620, 63.8225, 84.4760



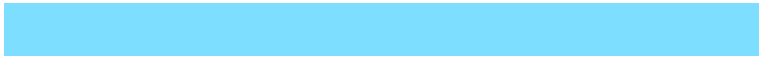
52.6287, 63.8225, 104.1529



58.6515, 63.8225, 115.0105

Triad

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



52.6287, 63.8225, 104.1529



74.9701, 63.8225, 75.4769



55.8965, 63.8225, 39.4015

Complementary

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



52.6287, 63.8225, 104.1529



57.1693, 47.1954, 25.5005

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.



62.7167, 63.8225, 37.9156



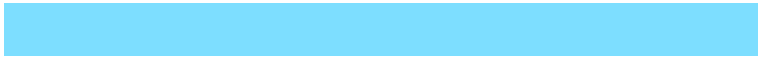
52.6287, 63.8225, 104.1529



74.0901, 63.8225, 56.3934

Square

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



52.6287, 63.8225, 104.1529



71.7919, 63.8225, 96.4882



69.4724, 63.8225, 43.5252



50.7452, 63.8225, 48.0686

Rectangle

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



52.6287, 63.8225, 104.1529



63.3427, 63.8225, 114.5799



69.4724, 63.8225, 43.5252



58.0568, 63.8225, 38.1217

Sweetspot

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



52.6305, 63.8248, 104.1532



79.3315, 87.4144, 107.2992



50.3473, 78.3320, 44.5906



16.5561, 18.3607, 22.9213



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.



52.6305, 63.8248, 104.1532



47.6771, 58.7624, 103.4372



38.6508, 35.8654, 99.4933



18.1416, 19.6548, 23.0875



19.2097, 23.3290, 52.9251



1.9577, 2.4461, 5.1822

Inverse Universe

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



61.7596, 41.2029, 73.8075



58.0768, 35.2021, 68.3722



71.1967, 75.2502, 30.1763



18.5841, 18.2170, 21.6931



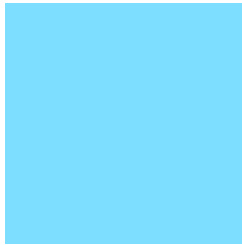
26.4844, 13.0830, 26.9989



2.6228, 1.2915, 2.8609

Previews

White Background



This preview shows how the XYZ color 52.6287, 63.8225, 104.1529 looks on a white background.

Color Contrast Check

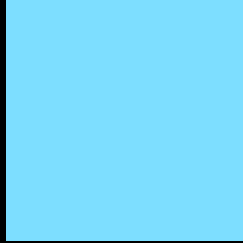
Large Text (above 18pt) WCAG AA × Fail

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 52.6287, 63.8225, 104.1529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

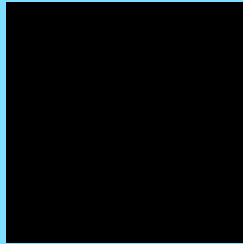
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6287, 63.8225, 104.1529

Background



This preview shows how black text looks on a background with the XYZ color 52.6287, 63.8225, 104.1529.

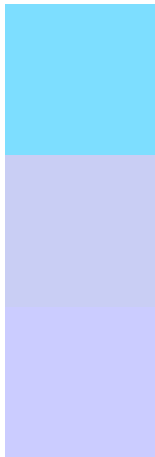


This preview shows how white text looks on a background with the XYZ color 52.6287, 63.8225,

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

52.6287, 63.8225, 104.1529

Protanopia

62.4878, 63.0918, 94.4724

Deuteranopia

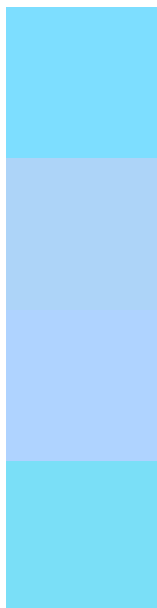
64.2715, 63.1022, 103.4002



Tritanopia

50.5678, 63.7871, 93.6513

Trichromacy



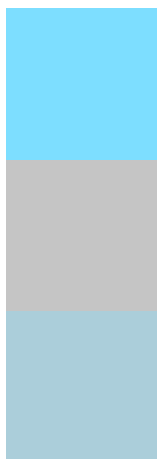
Original Color
52.6287, 63.8225, 104.1529

Protanomaly
57.7203, 62.7485, 97.8764

Deuteranomaly
59.0235, 62.9225, 103.6421

Tritanomaly
51.2022, 63.6283, 97.5785

Monochromacy



Original Color
52.6287, 63.8225, 104.1529

Achromatopsia
53.0703, 55.8340, 60.8033

Achromatomaly
51.5208, 57.8625, 74.7828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6287, 63.8225, 104.1529 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(125, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6287, 63.8225, 104.1529 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(125, 222, 255) }
```


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

```
.border{ border-color:rgb(125, 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(125, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6287, 63.8225, 104.1529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 222, 255) }
```

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

```
.background{ background-color: rgb(125,  
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](#).

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