

Converting Colors

XYZ(53.1284, 67.8917,
104.9120)

Have a look what the booklet for
XYZ(53.1284, 67.8917, 104.9120)
contains.

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Color

**XYZ(53.0563, 67.6868,
104.8762)**

Conversions

Conversions Part 1

Format	Color
Hex	6EE7FF
RGB	110, 231, 255
RGB Percent	43%, 91%, 100%
CMY	0.5686, 0.0941, 0.0000
CMYK	0.57, 0.09, 0.00, 0.00
HSL	190°, 100%, 72%
HSV	190°, 57%, 100%
XYZ	53.0563, 67.6868, 104.8762
YIQ	197.5570, -79.8200, -18.1880

Conversions

Conversions Part 2

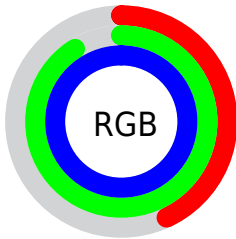
Format	Color
R_{YB}	110, 176, 255
Decimal	7268351
CIE _{Lab}	85.85, -27.32, -21.91
CIE _{LCh}	86, 35.021, 218.735
Yxy	67.6868, 0.2352, 0.3000
Android (android.graphics.Color)	4285458431 (0xFF6EE7FF)
YUV	197.5570, 28.3194, -76.7875
Hunter-Lab	82.2720, -28.8633, -17.9895

Details

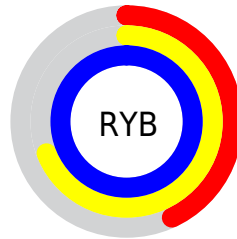
The XYZ color **53.0563, 67.6868, 104.8762** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.5805, 39.4372, 19.5948**, and the grayscale version is **53.2783, 56.0529, 61.0416**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **26.1502, 35.0605, 58.8152** is the 20% darker color. If you saturate the color by 10%, you get **49.1616, 63.9480, 104.3598**, and if you desaturate by 10%, it is **57.8959, 71.9580, 105.4456**.

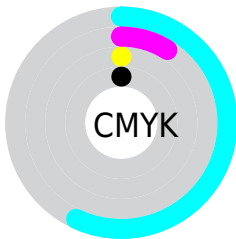
Distribution



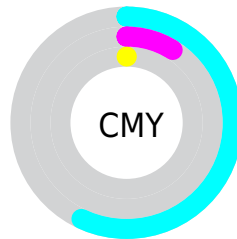
- Red (43%)
- Green (91%)
- Blue (100%)



- Red (43%)
- Yellow (69%)
- Blue (100%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0563, 67.6868, 104.8762 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 53.0563, 67.6868, 104.8762 by changing the saturation by 10% instead.


 53.0563, 67.6868,
104.8762


 53.0563, 67.6868,
104.8762


388.7584,
452.3855, 597.0953


 38.0754, 49.6430,
79.7396


 93.8522, 115.9040,
169.9523

 26.2187, 35.1298,
58.9792


 120.3980,
146.8461, 210.7289

 17.1208, 23.7629,
42.1764


 151.5294,
182.8565, 257.5558

 10.4165, 15.1578,
28.9129

187.6117,
224.3195, 310.8517

 5.7404, 8.9302,
18.7699

229.0105,
271.6195, 371.0351

 2.7270, 4.6957,
11.3290

276.0909,

 1.0111, 2.0698,

325.1409, 438.5244

6.1716

329.2185,
385.2681, 513.7383

■ 0.0000, 0.6476,
2.8793

■ 0.0000, 0.0000,
1.0333

■ 53.0563, 67.6868,
104.8762

■ 53.0563, 67.6868,
104.8762

■ 49.1616, 63.9480,
104.3598

■ 57.8959, 71.9580,
105.4456

■ 46.1251, 60.6921,
103.8914

■ 63.7461, 76.7912,
106.0701

■ 43.8539, 57.8725,
103.4669

■ 70.6729, 82.2223,
106.7534

■ 42.2278, 55.4268,
103.0805

■ 78.7354, 88.2820,
107.4981

■ 41.7933, 54.7065,
102.9644

■ 87.9880, 94.9987,
108.3069

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.



50.2849, 67.6868, 80.6009



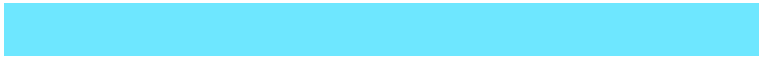
53.0563, 67.6868, 104.8762



58.9104, 67.6868, 122.9013

Triad

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



53.0563, 67.6868, 104.8762



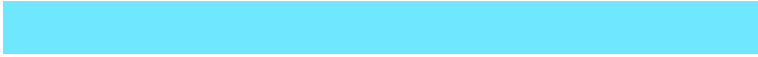
79.7754, 67.6868, 90.8758



62.0242, 67.6868, 38.1434

Complementary

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



53.0563, 67.6868, 104.8762



52.5805, 39.4372, 19.5948

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.



70.0813, 67.6868, 39.7716



53.0563, 67.6868, 104.8762



80.7834, 67.6868, 67.2036

Square

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



53.0563, 67.6868, 104.8762



74.4570, 67.6868, 113.7227



77.1069, 67.6868, 49.4086



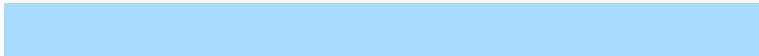
55.1733, 67.6868, 44.3775

Rectangle

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



53.0563, 67.6868, 104.8762



63.9951, 67.6868, 127.1561



77.1069, 67.6868, 49.4086



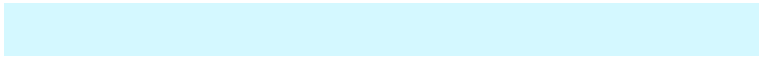
64.6747, 67.6868, 37.8216

Sweetspot

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



53.0582, 67.6892, 104.8766



78.6144, 88.1926, 107.4872



46.3395, 76.4947, 34.0650



16.4606, 18.6056, 22.9736



0.0000, 0.0000, 0.0000



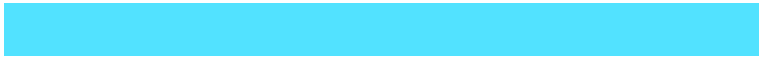
20.3446, 21.4041, 23.3091

Same Dimension

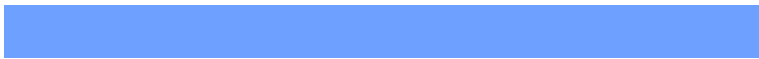
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0582, 67.6892, 104.8766



48.7736, 63.5531, 104.3041



37.1833, 35.9395, 99.5850



18.2839, 19.9394, 23.1350



21.9327, 28.7750, 53.8327



2.2005, 2.9317, 5.2632

Inverse Universe

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



61.2410, 38.1831, 79.7462



57.9962, 32.7420, 75.4321



65.7078, 65.6918, 23.9705



18.6560, 18.2457, 22.0714



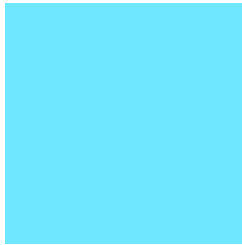
27.8588, 13.6328, 34.2366



2.7453, 1.3405, 3.5063

Previews

White Background



This preview shows how the XYZ color 53.0563, 67.6868, 104.8762 looks on a white background.

Color Contrast Check

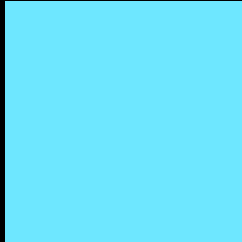
Large Text (above 18pt) WCAG AA × Fail

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 53.0563, 67.6868, 104.8762 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 53.0563, 67.6868, 104.8762

Background



This preview shows how black text looks on a background with the XYZ color 53.0563, 67.6868, 104.8762.

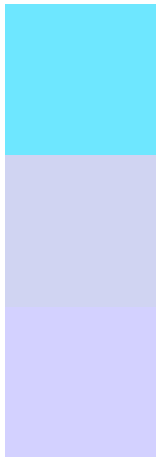


This preview shows how white text looks on a background with the XYZ color 53.0563, 67.6868,

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

53.0563, 67.6868, 104.8762

Protanopia

65.5829, 66.9077, 93.4623

Deuteranopia

67.7144, 66.6698, 103.9074



Tritanopia

52.4535, 67.8664, 101.6017

Trichromacy



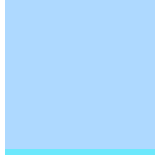
Original Color

53.0563, 67.6868, 104.8762



Protanomaly

59.1333, 66.1491, 97.6471



Deuteranomaly

60.3184, 65.8444, 104.1379



Tritanomaly

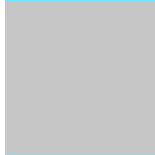
52.7340, 67.9927, 102.4400

Monochromacy



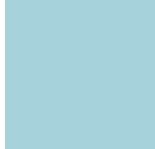
Original Color

53.0563, 67.6868, 104.8762



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.5587, 59.3147, 75.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0563, 67.6868, 104.8762 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(110, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 231, 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(110, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0563, 67.6868, 104.8762 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(110, 231, 255) }
```


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

```
.border{ border-color:rgb(110, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0563, 67.6868, 104.8762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 231, 255) }
```

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

```
.background{ background-color: rgb(110,  
231, 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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