

Converting Colors

XYZ(52.7372, 74.2553,
106.1609)

Have a look what the booklet for
XYZ(52.7372, 74.2553, 106.1609)
contains.

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Color

**XYZ(52.8863, 74.5538,
106.2107)**

Conversions

Conversions Part 1

Format	Color
Hex	37F7FF
RGB	55, 247, 255
RGB Percent	22%, 97%, 100%
CMY	0.7843, 0.0314, 0.0000
CMYK	0.78, 0.03, 0.00, 0.00
HSL	182°, 100%, 61%
HSV	182°, 78%, 100%
XYZ	52.8863, 74.5538, 106.2107
YIQ	190.5040, -117.0000, -38.2160

Conversions

Conversions Part 2

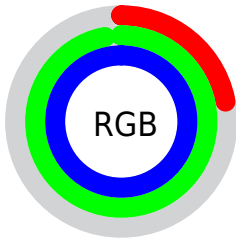
Format	Color
R _Y B	55, 153, 255
Decimal	3667967
CIE Lab	89.18, -42.13, -17.00
CIE LCh	89, 45.429, 201.975
Yxy	74.5538, 0.2263, 0.3191
Android (android.graphics.Color)	4281858047 (0xFF37F7FF)
YUV	190.5040, 31.7965, -118.8370
Hunter-Lab	86.3445, -41.7711, -12.4903

Details

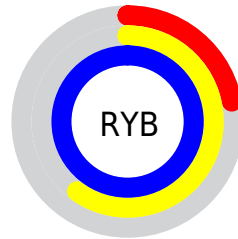
The XYZ color **52.8863, 74.5538, 106.2107** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.7082, 25.0924, 6.1561**, and the grayscale version is **49.1083, 51.6658, 56.2640**.

A 20% lighter version of the original color is **63.9633, 83.9742, 107.4452**, and **28.6065, 40.9041, 59.8136** is the 20% darker color. If you saturate the color by 10%, you get **51.5223, 73.3906, 106.0580**, and if you desaturate by 10%, it is **54.9766, 76.0972, 106.3984**.

Distribution



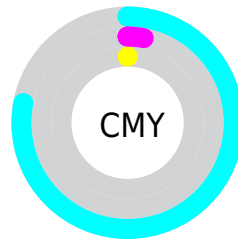
- Red (22%)
- Green (97%)
- Blue (100%)



- Red (22%)
- Yellow (60%)
- Blue (100%)



- Cyan (78%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (78%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8863, 74.5538, 106.2107 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 52.8863, 74.5538, 106.2107 by changing the saturation by 10% instead.


 52.8863, 74.5538,
106.2107


 52.8863, 74.5538,
106.2107


388.1168,
476.3825, 601.3424


 37.9391, 55.2474,
80.8517


 93.6036, 125.6805,
171.7923


 26.1124, 39.5999,
59.8892


 120.1043,
158.2697, 212.8520

 17.0409, 27.2267,
42.9046


 151.1870,
196.0552, 259.9823

 10.3591, 17.7435,
29.4794

 187.2170,
239.4216, 313.6018

 5.7018, 10.7660,
19.1951

228.5596,
288.7531, 374.1290

 2.7035, 5.9097,
11.6331

275.5802,

 0.9990, 2.7903,

344.4341, 441.9825

6.3749

328.6441,
406.8491, 517.5808

■ 0.0000, 1.0232,
3.0019

■ 0.0000, 0.0000,
1.0956

■ 52.8863, 74.5538,
106.2107

■ 52.8863, 74.5538,
106.2107

■ 51.5223, 73.3906,
106.0580

■ 54.9766, 76.0972,
106.3984

■ 50.7419, 72.5292,
105.9329

■ 57.8847, 78.0631,
106.6246

■ 50.6431, 72.4062,
105.9144

■ 61.6953, 80.4967,
106.8935

■ 66.4806, 83.4354,
107.2085

72.3059, 86.9128,
107.5727

79.2306, 90.9595,
107.9888

87.3096, 95.6038,
108.4594

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.



51.7923, 74.5538, 72.9538



52.8863, 74.5538, 106.2107



58.5327, 74.5538, 139.3386

Triad

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



52.8863, 74.5538, 106.2107



89.0001, 74.5538, 124.8532



73.8768, 74.5538, 34.5143

Complementary

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



52.8863, 74.5538, 106.2107



43.7082, 25.0924, 6.1561

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.



84.8094, 74.5538, 41.9799



52.8863, 74.5538, 106.2107



94.1156, 74.5538, 89.9947

Square

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



52.8863, 74.5538, 106.2107



79.1345, 74.5538, 151.9086



92.5070, 74.5538, 60.4217



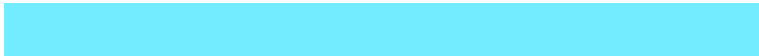
63.1855, 74.5538, 36.7282

Rectangle

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



52.8863, 74.5538, 106.2107



64.4720, 74.5538, 154.1026



92.5070, 74.5538, 60.4217



77.6590, 74.5538, 35.8873

Sweetspot

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



52.8883, 74.5565, 106.2111



75.2311, 88.6315, 107.7502



38.1972, 72.6770, 16.5267



15.5948, 18.6727, 23.0322



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.



52.8883, 74.5565, 106.2111



51.0302, 72.8807, 105.9855



30.2701, 29.3199, 98.6717



18.4889, 20.3495, 23.2033



26.4896, 37.8888, 55.3517



2.5978, 3.7263, 5.3956

Inverse Universe

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



59.3960, 30.7095, 90.7957



57.9601, 28.2282, 89.1130



54.7930, 47.2620, 9.8510



18.7594, 18.2871, 22.6164



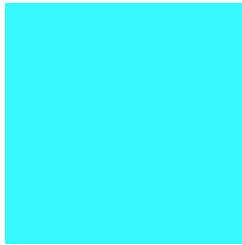
30.1589, 14.5529, 46.3489



2.9459, 1.4207, 4.5623

Previews

White Background



This preview shows how the XYZ color 52.8863, 74.5538, 106.2107 looks on a white background.

Color Contrast Check

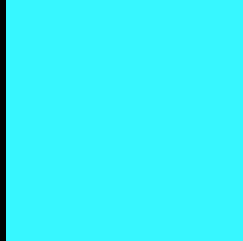
Large Text (above 18pt) WCAG AA × Fail

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 52.8863, 74.5538, 106.2107 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 52.8863, 74.5538, 106.2107

Background



This preview shows how black text looks on a background with the XYZ color 52.8863, 74.5538, 106.2107.

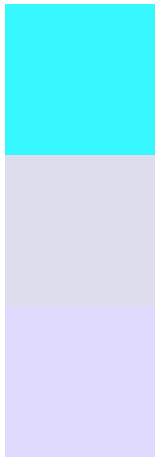


This preview shows how white text looks on a background with the XYZ color 52.8863, 74.5538,

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

52.8863, 74.5538, 106.2107

Protanopia

71.1079, 73.2581, 91.2814

Deuteranopia

73.8619, 73.2101, 104.8458



Tritanopia

58.4160, 74.2860, 105.8675

Trichromacy



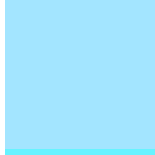
Original Color

52.8863, 74.5538, 106.2107



Protanomaly

59.3239, 70.7023, 96.1082



Deuteranomaly

61.1736, 71.0452, 105.0966



Tritanomaly

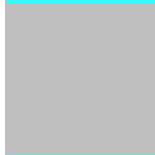
55.6941, 74.2047, 105.9953

Monochromacy



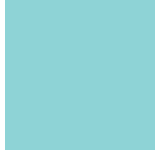
Original Color

52.8863, 74.5538, 106.2107



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.5872, 57.1944, 72.2025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8863, 74.5538, 106.2107 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(55, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(55, 247, 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(55, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.8863, 74.5538, 106.2107 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(55, 247, 255) }
```


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

```
.border{ border-color:rgb(55, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(55, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8863, 74.5538, 106.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 247, 255) }
```

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

```
.background{ background-color: rgb(55, 247,  
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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