

Converting Colors

XYZ(52.5573, 69.9011,
101.9903)

Have a look what the booklet for
XYZ(52.5573, 69.9011, 101.9903)
contains.

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Color

**XYZ(52.6265, 70.0748,
102.0189)**

Conversions

Conversions Part 1

Format	Color
Hex	61EDFB
RGB	97, 237, 251
RGB Percent	38%, 93%, 98%
CMY	0.6196, 0.0706, 0.0157
CMYK	0.61, 0.06, 0.00, 0.02
HSL	185°, 95%, 68%
HSV	185°, 61%, 98%
XYZ	52.6265, 70.0748, 102.0189
YIQ	196.7360, -87.9340, -25.3260

Conversions

Conversions Part 2

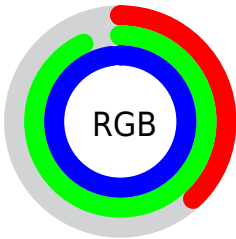
Format	Color
RYB	97, 170, 251
Decimal	6417915
CIELab	87.03, -33.54, -18.06
CIELCh	87, 38.090, 208.306
Yxy	70.0748, 0.2342, 0.3118
Android (android.graphics.Color)	4284607995 (0xFF61EDFB)
YUV	196.7360, 26.7522, -87.4685
Hunter-Lab	83.7107, -34.2759, -13.6597

Details

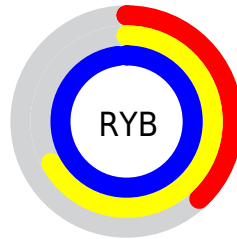
The XYZ color **52.6265, 70.0748, 102.0189** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.6273, 32.7428, 15.1209**, and the grayscale version is **52.7958, 55.5453, 60.4889**.

A 20% lighter version of the original color is **68.7103, 86.4214, 107.6673**, and **26.2615, 36.9428, 56.7855** is the 20% darker color. If you saturate the color by 10%, you get **49.7072, 67.5969, 101.6958**, and if you desaturate by 10%, it is **56.4042, 73.0107, 102.3878**.

Distribution



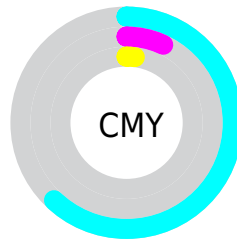
- Red (38%)
- Green (93%)
- Blue (98%)



- Red (38%)
- Yellow (67%)
- Blue (98%)



- Cyan (61%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)





- Cyan (62%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6265, 70.0748, 102.0189 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 52.6265, 70.0748, 102.0189 by changing the saturation by 10% instead.


 52.6265, 70.0748,
102.0189


 52.6265, 70.0748,
102.0189

387.1349,
460.8126, 587.9481


 37.7310, 51.5875,
77.3614


 93.2233, 119.3154,
166.0049

 25.9502, 36.6764,
57.0362


 119.6553,
150.8375, 206.1704

 16.9189, 24.9570,
40.6248


 150.6635,
187.4734, 252.3425

 10.2716, 16.0451,
27.7085

186.6132,
229.6074, 304.9395

 5.6431, 9.5560,
17.8689

227.8699,
277.6239, 364.3800

 2.6679, 5.1056,
10.6875

274.7988,

 0.9807, 2.3094,

331.9074, 431.0826

5.7456

327.7653,
392.8421, 505.4658

■ 0.0000, 0.7787,
2.6247

■ 0.0000, 0.0000,
0.9052

■ 52.6265, 70.0748,
102.0189

■ 52.6265, 70.0748,
102.0189

■ 49.7072, 67.5969,
101.6958

■ 56.4042, 73.0107,
102.3878

■ 47.5570, 65.5264,
101.4094

■ 61.1061, 76.4341,
102.8007

■ 46.0783, 63.8145,
101.1570

■ 66.7989, 80.3809,
103.2625

■ 45.2074, 62.5542,
100.9596

■ 73.5412, 84.8813,
103.7758

81.3871, 89.9633,
104.3432

90.3870, 95.6529,
104.9671

93.7701, 98.4598,
105.3305

94.4128, 99.7451,
105.5447

Harmonies

Analogous

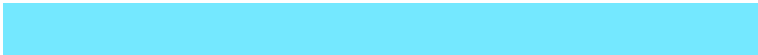
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.9007, 70.0748, 74.8580



52.6265, 70.0748, 102.0189



58.0000, 70.0748, 126.1424

Triad

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



52.6265, 70.0748, 102.0189



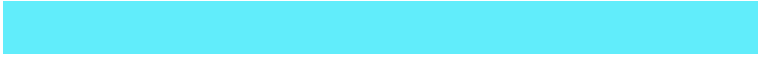
82.2756, 70.0748, 105.0990



67.1118, 70.0748, 37.0043

Complementary

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



52.6265, 70.0748, 102.0189



47.6273, 32.7428, 15.1209

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.



76.0194, 70.0748, 41.6945



52.6265, 70.0748, 102.0189



85.2443, 70.0748, 77.7595

Square

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



52.6265, 70.0748, 102.0189



75.0652, 70.0748, 128.1816



82.8602, 70.0748, 55.3127



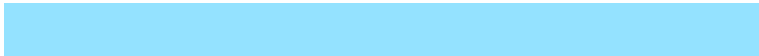
58.8038, 70.0748, 40.7323

Rectangle

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



52.6265, 70.0748, 102.0189



63.1906, 70.0748, 135.1585



82.8602, 70.0748, 55.3127



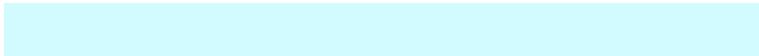
70.1381, 70.0748, 37.6232

Sweetspot

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



52.6287, 70.0774, 102.0206



78.8162, 89.6767, 107.7630



42.2341, 72.6595, 26.5051



16.3857, 18.8781, 23.0302



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.



52.6287, 70.0774, 102.0206



50.8471, 69.4489, 105.3328



35.1183, 35.0568, 96.1838



17.6230, 19.3228, 22.1861



23.8193, 32.9941, 53.0866



2.2443, 3.1324, 4.9295

Inverse Universe

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



59.3462, 35.1750, 83.7851



58.6160, 31.3557, 83.7342



59.6781, 56.8445, 19.1378



17.9210, 17.4958, 21.4397



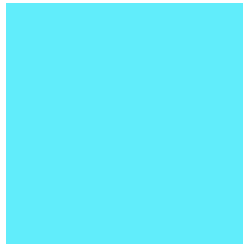
28.3149, 13.7417, 39.9622



2.6418, 1.2804, 3.8029

Previews

White Background



This preview shows how the XYZ color 52.6265, 70.0748, 102.0189 looks on a white background.

Color Contrast Check

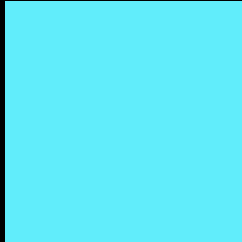
Large Text (above 18pt) WCAG AA × Fail

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 52.6265, 70.0748, 102.0189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

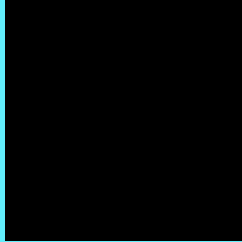
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6265, 70.0748, 102.0189

Background



This preview shows how black text looks on a background with the XYZ color 52.6265, 70.0748, 102.0189.

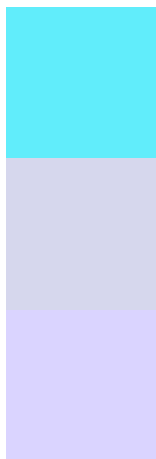


This preview shows how white text looks on a background with the XYZ color 52.6265, 70.0748,

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

52.6265, 70.0748, 102.0189

Protanopia

67.3181, 69.0114, 89.8933

Deuteranopia

70.5069, 69.2124, 104.2510



Tritanopia

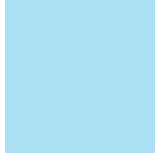
53.5249, 70.0357, 105.3049

Trichromacy



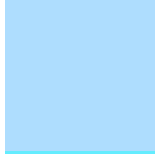
Original Color

52.6265, 70.0748, 102.0189



Protanomaly

59.2093, 67.8441, 93.9790



Deuteranomaly

61.2014, 67.8673, 103.6400



Tritanomaly

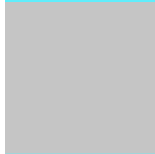
53.1404, 69.8560, 104.4487

Monochromacy



Original Color

52.6265, 70.0748, 102.0189



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

50.7658, 59.6738, 74.4882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6265, 70.0748, 102.0189 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(97, 237, 251)` looks like.

```
.text, #text, p{  
    color:rgb(97, 237, 251)  
}
```

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(97, 237, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 237, 251) }
```

Border

The CSS property to change the border of an element to XYZ 52.6265, 70.0748, 102.0189 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(97, 237, 251) }
```


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

```
.border{ border-color:rgb(97, 237, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 237, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 237, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 237, 251);  
box-shadow:4px 4px 4px 4px rgb(97, 237,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6265, 70.0748, 102.0189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 237, 251) }
```

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

```
.background{ background-color: rgb(97, 237,  
251) }
```

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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