

Converting Colors

XYZ(52.4929, 72.2734,
103.6651)

Have a look what the booklet for
XYZ(52.4929, 72.2734, 103.6651)
contains.

XYZ(52.3033, 72.0690, 103.2495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.3033, 72.0690,
103.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	4CF2FC
RGB	76, 242, 252
RGB Percent	30%, 95%, 99%
CMY	0.7019, 0.0510, 0.0118
CMYK	0.70, 0.04, 0.00, 0.01
HSL	183°, 97%, 64%
HSV	183°, 70%, 99%
XYZ	52.3033, 72.0690, 103.2495
YIQ	193.5060, -102.1460, -32.0820

Conversions

Conversions Part 2

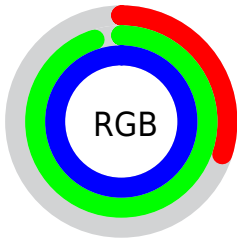
Format	Color
RYB	76, 161, 252
Decimal	5042940
CIELab	88.00, -38.55, -17.18
CIELCh	88, 42.204, 204.015
Yxy	72.0690, 0.2298, 0.3166
Android (android.graphics.Color)	4283233020 (0xFF4CF2FC)
YUV	193.5060, 28.8375, -103.0528
Hunter-Lab	84.8935, -38.5888, -12.6845

Details

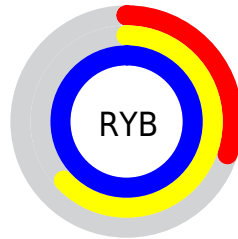
The XYZ color **52.3033, 72.0690, 103.2495** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **44.7789, 27.8748, 9.8598**, and the grayscale version is **50.8677, 53.5168, 58.2798**.

A 20% lighter version of the original color is **65.8426, 84.9430, 107.5331**, and **27.1993, 38.6381, 57.6541** is the 20% darker color. If you saturate the color by 10%, you get **50.2554, 70.3847, 103.0337**, and if you desaturate by 10%, it is **55.1425, 74.1693, 103.5066**.

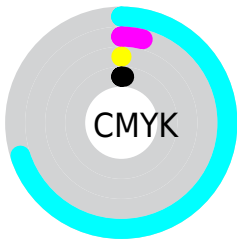
Distribution



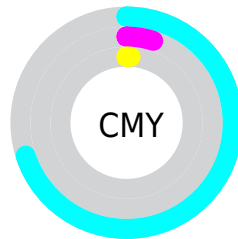
- Red (30%)
- Green (95%)
- Blue (99%)



- Red (30%)
- Yellow (63%)
- Blue (99%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





- Cyan (70%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3033, 72.0690, 103.2495 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 52.3033, 72.0690, 103.2495 by changing the saturation by 10% instead.


 52.3033, 72.0690,
103.2495


 52.3033, 72.0690,
103.2495


385.9112,
467.7817, 591.8968


 37.4721, 53.2150,
78.3851


 92.7500, 122.1546,
167.7063


 25.7486, 37.9745,
57.8721


 119.0962,
154.1551, 208.1358

 16.7674, 25.9629,
41.2918


 150.0115,
191.3065, 254.5908

 10.1630, 16.7959,
28.2257

 185.8611,
233.9933, 307.4899

 5.5703, 10.0891,
18.2554

227.0106,
282.5998, 367.2514

 2.6237, 5.4580,
10.9622

273.8252,

 0.9581, 2.5184,

337.5104, 434.2941

5.9275

326.6703,
399.1096, 509.0364

■ 0.0000, 0.8858,
2.7330

■ 0.0000, 0.0000,
0.9600

■ 52.3033, 72.0690,
103.2495

■ 52.3033, 72.0690,
103.2495

■ 50.2554, 70.3847,
103.0337

■ 55.1425, 74.1693,
103.5066

■ 48.8946, 69.0580,
102.8493

■ 58.8481, 76.7196,
103.8035

■ 48.0658, 68.0105,
102.6908

■ 63.4939, 79.7596,
104.1455

■ 48.0539, 67.9943,
102.6883

■ 69.1441, 83.3224,
104.5353

■ 75.8571, 87.4380,
104.9759

■ 83.6868, 92.1344,
105.4697

■ 92.6837, 97.4374,
106.0191

■ 94.0805, 98.8276,
106.2138

■ 94.5353, 99.7371,
106.3654

Harmonies

Analogous

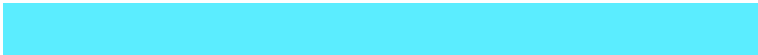
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.0033, 72.0690, 72.8340



52.3033, 72.0690, 103.2495



57.7488, 72.0690, 132.3865

Triad

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



52.3033, 72.0690, 103.2495



85.3773, 72.0690, 115.7376



70.5366, 72.0690, 35.2576

Complementary

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



52.3033, 72.0690, 103.2495



44.7789, 27.8748, 9.8598

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.



80.5077, 72.0690, 41.6329



52.3033, 72.0690, 103.2495



89.5988, 72.0690, 84.3914

Square

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



52.3033, 72.0690, 103.2495



76.6786, 72.0690, 140.7442



87.7351, 72.0690, 58.0122



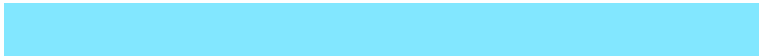
60.9236, 72.0690, 37.9602

Rectangle

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



52.3033, 72.0690, 103.2495



63.3084, 72.0690, 144.6980



87.7351, 72.0690, 58.0122



73.9667, 72.0690, 36.3483

Sweetspot

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



52.3055, 72.0717, 103.2512



77.0557, 89.2943, 107.7820



39.4245, 71.8117, 20.3382



16.0691, 18.8542, 23.0422



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.



52.3055, 72.0717, 103.2512



50.9566, 71.6875, 105.7591



32.3082, 32.0770, 96.5855



17.6764, 19.4296, 22.2039



25.0691, 35.4939, 53.5033



2.3468, 3.3374, 4.9637

Inverse Universe

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



58.7582, 32.2772, 87.1404



58.1782, 29.2929, 87.2482



56.3568, 51.0305, 13.7191



17.9480, 17.5065, 21.5816



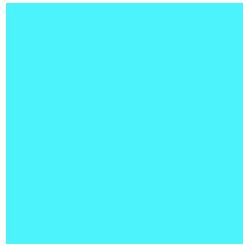
28.9458, 13.9940, 43.2844



2.6935, 1.3011, 4.0753

Previews

White Background



This preview shows how the XYZ color 52.3033, 72.0690, 103.2495 looks on a white background.

Color Contrast Check

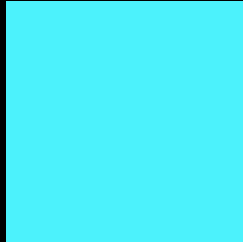
Large Text (above 18pt) WCAG AA × Fail

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 52.3033, 72.0690, 103.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

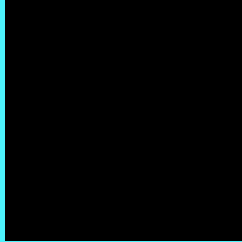
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3033, 72.0690, 103.2495

Background



This preview shows how black text looks on a background with the XYZ color 52.3033, 72.0690, 103.2495.

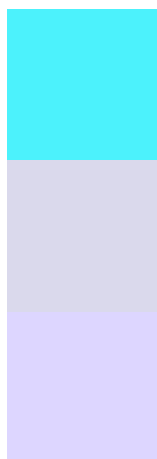


This preview shows how white text looks on a background with the XYZ color 52.3033, 72.0690,

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

52.3033, 72.0690, 103.2495

Protanopia

68.8666, 70.5873, 89.3519

Deuteranopia

71.9154, 70.6853, 104.4610



Tritanopia

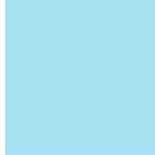
55.4346, 71.8798, 105.5602

Trichromacy



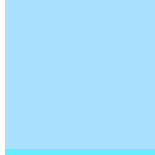
Original Color

52.3033, 72.0690, 103.2495



Protanomaly

58.9493, 68.9105, 94.1985



Deuteranomaly

60.6935, 68.7919, 103.8452



Tritanomaly

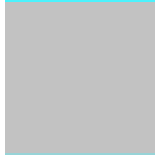
54.0114, 71.5981, 104.7390

Monochromacy



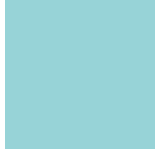
Original Color

52.3033, 72.0690, 103.2495



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.3225, 58.0741, 72.9525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3033, 72.0690, 103.2495 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(76, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(76, 242, 252)  
}
```

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(76, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 242, 252) }
```

Border

The CSS property to change the border of an element to XYZ 52.3033, 72.0690, 103.2495 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(76, 242, 252) }
```


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

```
.border{ border-color:rgb(76, 242, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 242, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(76, 242,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3033, 72.0690, 103.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 242, 252) }
```

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

```
.background{ background-color: rgb(76, 242,  
252) }
```

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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