

Converting Colors

XYZ(42.3476, 54.2091,
100.8685)

Have a look what the booklet for
XYZ(42.3476, 54.2091, 100.8685)
contains.

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Color

**XYZ(42.4921, 54.4373,
101.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	35D3FD
RGB	53, 211, 253
RGB Percent	21%, 83%, 99%
CMY	0.7921, 0.1725, 0.0078
CMYK	0.79, 0.17, 0.00, 0.01
HSL	193°, 98%, 60%
HSV	193°, 79%, 99%
XYZ	42.4921, 54.4373, 101.1964
YIQ	168.5460, -107.6500, -20.4340

Conversions

Conversions Part 2

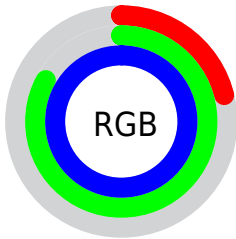
Format	Color
RYB	53, 141, 253
Decimal	3527677
CIELab	78.72, -25.94, -31.87
CIELCh	79, 41.096, 230.862
Yxy	54.4373, 0.2145, 0.2748
Android (android.graphics.Color)	4281717757 (0xFF35D3FD)
YUV	168.5460, 41.6358, -101.3338
Hunter-Lab	73.7816, -26.3167, -29.6730

Details

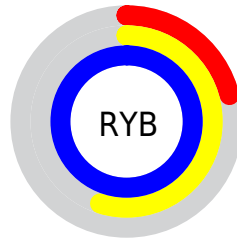
The XYZ color **42.4921, 54.4373, 101.1964** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **45.2451, 29.3274, 6.6463**, and the grayscale version is **37.3305, 39.2746, 42.7700**.

A 20% lighter version of the original color is **63.1701, 83.5653, 107.4080**, and **21.8523, 27.7625, 56.4315** is the 20% darker color. If you saturate the color by 10%, you get **40.1977, 51.3281, 100.7183**, and if you desaturate by 10%, it is **45.5347, 57.9989, 101.7246**.

Distribution



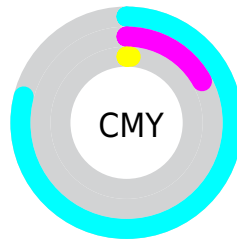
- Red (21%)
- Green (83%)
- Blue (99%)



- Red (21%)
- Yellow (55%)
- Blue (99%)



- Cyan (79%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4921, 54.4373, 101.1964 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 42.4921, 54.4373, 101.1964 by changing the saturation by 10% instead.

42.4921, 54.4373,
101.1964

42.4921, 54.4373,
101.1964

347.4759,
403.7754, 585.3011

29.6796, 38.9514,
76.6776

78.2044, 96.7160,
164.8665

19.7424, 26.7219,
56.4784

101.8348,
124.2776, 204.8550

12.3151, 17.3645,
40.1800

129.8020,
156.6332, 250.8371

7.0324, 10.4947,
27.3641

162.4712,
194.1673, 303.2313

3.5289, 5.7282,
17.6120

200.2079,
237.2641, 362.4563

1.4392, 2.6805,
10.5052

243.3773,

0.2839, 0.9673,

286.3081, 428.9306

5.6252

292.3448,
341.6838, 503.0727

■ 0.0000, 0.0000,
2.5535

■ 0.0000, 0.0000,
0.8683

■ 42.4921, 54.4373,
101.1964

■ 42.4921, 54.4373,
101.1964

■ 40.1977, 51.3281,
100.7183

■ 45.5347, 57.9989,
101.7246

■ 38.5016, 48.5906,
100.2793

■ 49.4174, 62.0580,
102.3034

■ 38.3537, 48.3397,
100.2386

■ 54.2240, 66.6594,
102.9382

■ 60.0265, 71.8408,
103.6325

■ 66.8895, 77.6360,
104.3894

■ 74.8720, 84.0761,
105.2117

■ 84.0285, 91.1897,
106.1022

■ 94.2560, 98.9243,
107.0561

■ 94.7298, 99.8719,
107.2140

Harmonies

Analogous

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



38.4708, 54.4373, 76.6794



42.4921, 54.4373, 101.1964



49.2990, 54.4373, 115.3395

Triad

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



42.4921, 54.4373, 101.1964



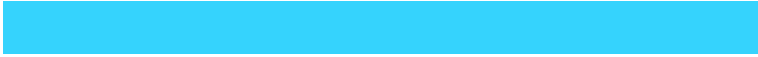
68.7515, 54.4373, 66.6674



46.3738, 54.4373, 26.5204

Complementary

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



42.4921, 54.4373, 101.1964



45.2451, 29.3274, 6.6463

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.



54.2623, 54.4373, 25.1604



42.4921, 54.4373, 101.1964



67.7579, 54.4373, 44.7227

Square

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



42.4921, 54.4373, 101.1964



64.8309, 54.4373, 92.2417



62.2432, 54.4373, 30.8987



40.5435, 54.4373, 35.2771

Rectangle

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



42.4921, 54.4373, 101.1964



54.7416, 54.4373, 114.9755



62.2432, 54.4373, 30.8987



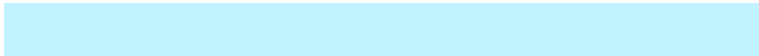
48.8521, 54.4373, 25.2927

Sweetspot

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



42.4939, 54.4392, 101.1977



72.0429, 82.2550, 106.6875



38.5712, 71.7993, 22.1850



14.8158, 17.1147, 22.7725



0.0000, 0.0000, 0.0000



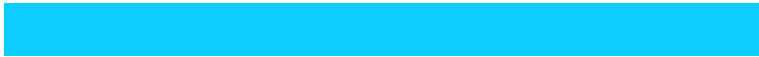
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4939, 54.4392, 101.1977



39.8350, 50.5490, 102.2651



25.1055, 19.6624, 95.4016



18.2120, 19.7956, 23.1110



20.5119, 25.9334, 53.3591



2.0745, 2.6796, 5.2212

Inverse Universe

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



53.5406, 28.1340, 64.2384



52.2949, 25.9071, 59.4499



60.2228, 59.2827, 11.6389



18.6197, 18.2312, 21.8802



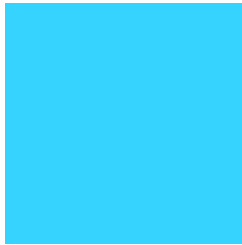
27.1417, 13.3460, 30.4602



2.6817, 1.3151, 3.1712

Previews

White Background



This preview shows how the XYZ color 42.4921, 54.4373, 101.1964 looks on a white background.

Color Contrast Check

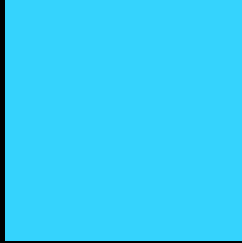
Large Text (above 18pt) WCAG AA × Fail

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 42.4921, 54.4373, 101.1964 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 42.4921, 54.4373, 101.1964

Background



This preview shows how black text looks on a background with the XYZ color 42.4921, 54.4373, 101.1964.

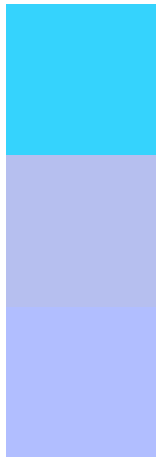


This preview shows how white text looks on a background with the XYZ color 42.4921, 54.4373,

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

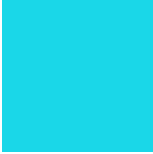
42.4921, 54.4373, 101.1964

Protanopia

53.5022, 53.4387, 89.1562

Deuteranopia

54.5949, 53.3940, 102.0364



Tritanopia

39.2919, 54.6467, 84.8209

Trichromacy



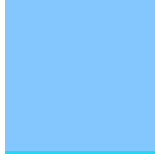
Original Color

42.4921, 54.4373, 101.1964



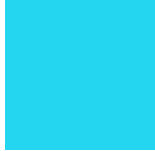
Protanomaly

46.5149, 52.0707, 93.1870



Deuteranomaly

47.5992, 52.4495, 101.3809



Tritanomaly

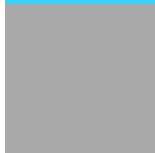
40.5023, 54.7595, 90.8730

Monochromacy



Original Color

42.4921, 54.4373, 101.1964



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

36.3182, 42.9631, 61.0221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4921, 54.4373, 101.1964 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(53, 211, 253)` looks like.

```
.text, #text, p{  
    color:rgb(53, 211, 253)  
}
```

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(53, 211, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 211, 253) }
```

Border

The CSS property to change the border of an element to XYZ 42.4921, 54.4373, 101.1964 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(53, 211, 253) }
```


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

```
.border{ border-color:rgb(53, 211, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 211, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 211, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 211, 253);  
box-shadow:4px 4px 4px 4px rgb(53, 211,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4921, 54.4373, 101.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 211, 253) }
```

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

```
.background{ background-color: rgb(53, 211,  
253) }
```

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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