

Converting Colors

XYZ(42.1325, 53.2120,
102.7483)

Have a look what the booklet for
XYZ(42.1325, 53.2120, 102.7483)
contains.

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Color

**XYZ(42.0741, 53.0886,
102.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	35D0FF
RGB	53, 208, 255
RGB Percent	21%, 82%, 100%
CMY	0.7921, 0.1843, 0.0000
CMYK	0.79, 0.18, 0.00, 0.00
HSL	194°, 100%, 60%
HSV	194°, 79%, 100%
XYZ	42.0741, 53.0886, 102.6373
YIQ	167.0130, -107.4670, -18.2430

Conversions

Conversions Part 2

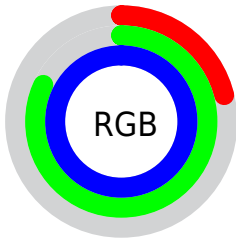
Format	Color
R _{YB}	53, 141, 255
Decimal	3526911
CIE Lab	77.93, -23.80, -34.16
CIE LCh	78, 41.629, 235.135
Yxy	53.0886, 0.2127, 0.2684
Android (android.graphics.Color)	4281716991 (0xFF35D0FF)
YUV	167.0130, 43.3776, -99.9894
Hunter-Lab	72.8619, -24.4336, -32.5158

Details

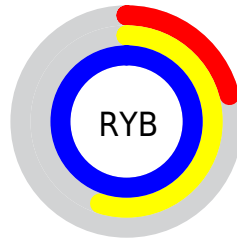
The XYZ color **42.0741, 53.0886, 102.6373** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **46.4418, 30.6347, 6.8358**, and the grayscale version is **36.5731, 38.4778, 41.9023**.

A 20% lighter version of the original color is **63.1701, 83.5653, 107.4080**, and **21.5843, 26.8597, 57.4729** is the 20% darker color. If you saturate the color by 10%, you get **39.6526, 49.7337, 102.1174**, and if you desaturate by 10%, it is **45.2650, 56.9224, 103.2092**.

Distribution



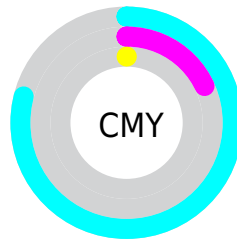
- Red (21%)
- Green (82%)
- Blue (100%)



- Red (21%)
- Yellow (55%)
- Blue (100%)



- Cyan (79%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0741, 53.0886, 102.6373 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 42.0741, 53.0886, 102.6373 by changing the saturation by 10% instead.

■ 42.0741, 53.0886,
102.6373

■ 42.0741, 53.0886,
102.6373

345.7764,
398.6250, 589.9341

■ 29.3507, 37.8735,
77.8758

■ 77.5762, 94.7347,
166.8601

■ 19.4919, 25.8845,
57.4561

■ 101.0856,
121.9346, 207.1585

■ 12.1323, 16.7373,
40.9597

■ 128.9211,
153.8981, 253.4729

■ 6.9067, 10.0474,
27.9682

■ 161.4479,
191.0097, 306.2219

■ 3.4496, 5.4304,
18.0628

199.0315,
233.6538, 365.8239

■ 1.3958, 2.5019,
10.8252

242.0373,

■ 0.2532, 0.8776,

282.2148, 432.6976

5.8367

290.8304,
337.0770, 507.2615

■ 0.0000, 0.0000,
2.6789

■ 0.0000, 0.0000,
0.9328

■ 42.0741, 53.0886,
102.6373

■ 42.0741, 53.0886,
102.6373

■ 39.6526, 49.7337,
102.1174

■ 45.2650, 56.9224,
103.2092

■ 37.8458, 46.7741,
101.6414

■ 49.3201, 61.2821,
103.8369

■ 37.7146, 46.5493,
101.6049

■ 54.3251, 66.2134,
104.5250

■ 60.3537, 71.7553,
105.2769

■ 67.4719, 77.9426,
106.0960

■ 75.7403, 84.8073,
106.9852

■ 85.2146, 92.3789,
107.9474

■ 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.



37.6388, 53.0886, 78.8815



42.0741, 53.0886, 102.6373



49.1505, 53.0886, 114.5694

Triad

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



42.0741, 53.0886, 102.6373



67.6115, 53.0886, 61.6681



44.1323, 53.0886, 26.1111

Complementary

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



42.0741, 53.0886, 102.6373



46.4418, 30.6347, 6.8358

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.



51.7907, 53.0886, 23.7928



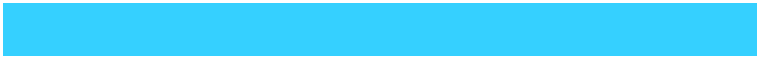
42.0741, 53.0886, 102.6373



65.9029, 53.0886, 40.8622

Square

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



42.0741, 53.0886, 102.6373



64.3382, 53.0886, 87.2150



59.8901, 53.0886, 28.4006



38.7350, 53.0886, 35.8831

Rectangle

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



42.0741, 53.0886, 102.6373



54.6332, 53.0886, 112.3970



59.8901, 53.0886, 28.4006



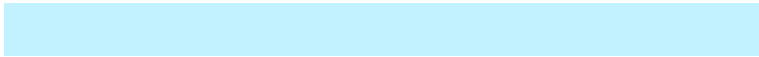
46.5033, 53.0886, 24.5678

Sweetspot

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



42.0757, 53.0904, 102.6376



71.6311, 81.4314, 106.5502



39.3767, 73.1364, 23.2973



14.7157, 16.9145, 22.7392



0.0000, 0.0000, 0.0000



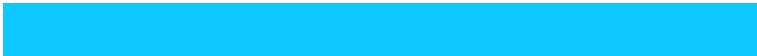
20.3446, 21.4041, 23.3091

Same Dimension

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



42.0757, 53.0904, 102.6376



38.5513, 47.9817, 101.8373



25.1218, 19.1827, 96.9863



18.1755, 19.7226, 23.0988



19.8263, 24.5622, 53.1306



2.0131, 2.5570, 5.2007

Inverse Universe

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



53.8995, 28.3621, 62.3098



51.6469, 25.6480, 56.0379



62.0251, 61.8013, 12.0302



18.6012, 18.2238, 21.7832



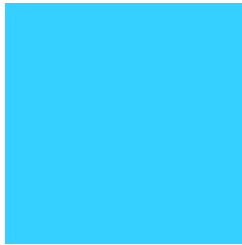
26.7956, 13.2075, 28.6378



2.6507, 1.3027, 3.0082

Previews

White Background



This preview shows how the XYZ color 42.0741, 53.0886, 102.6373 looks on a white background.

Color Contrast Check

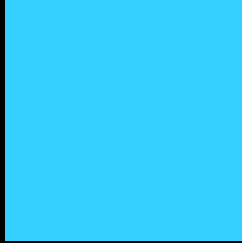
Large Text (above 18pt) WCAG AA × Fail

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 42.0741, 53.0886, 102.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

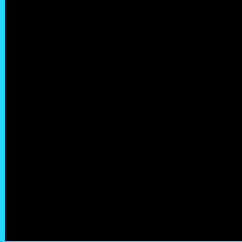
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0741, 53.0886, 102.6373

Background



This preview shows how black text looks on a background with the XYZ color 42.0741, 53.0886, 102.6373.



This preview shows how white text looks on a background with the XYZ color 42.0741, 53.0886,

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

42.0741, 53.0886, 102.6373

Protanopia

52.4349, 52.2110, 90.5332

Deuteranopia

53.4812, 52.4994, 101.9224



Tritanopia

38.0075, 52.8935, 83.0692

Trichromacy



Original Color

42.0741, 53.0886, 102.6373

Protanomaly

46.0473, 51.1202, 94.6290

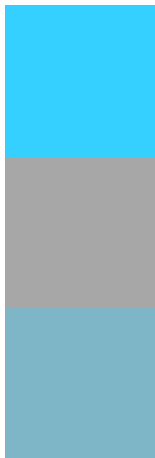
Deuteranomaly

46.8432, 51.3670, 102.0537

Tritanomaly

39.3531, 53.0674, 89.8303

Monochromacy



Original Color

42.0741, 53.0886, 102.6373

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.6409, 42.0150, 60.2641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0741, 53.0886, 102.6373 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, 208, 255)` looks like.

```
.text, #text, p{  
  color:rgb(53, 208, 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(53, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 42.0741, 53.0886, 102.6373 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, 208, 255) }
```


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

```
.border{ border-color:rgb(53, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(53, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0741, 53.0886, 102.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 208, 255) }
```

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

```
.background{ background-color: rgb(53, 208,  
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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