

Converting Colors

XYZ(41.5619, 53.3177, 98.4611)

Have a look what the booklet for
XYZ(41.5619, 53.3177, 98.4611)
contains.

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Color

**XYZ(41.5771, 53.2873,
98.5366)**

Conversions

Conversions Part 1

Format	Color
Hex	36D1FA
RGB	54, 209, 250
RGB Percent	21%, 82%, 98%
CMY	0.7882, 0.1804, 0.0196
CMYK	0.78, 0.16, 0.00, 0.02
HSL	193°, 95%, 60%
HSV	193°, 78%, 98%
XYZ	41.5771, 53.2873, 98.5366
YIQ	167.3290, -105.5410, -20.1090

Conversions

Conversions Part 2

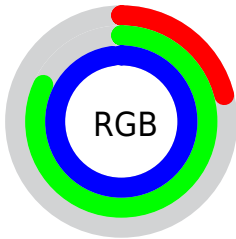
Format	Color
R _{YB}	54, 141, 250
Decimal	3592698
CIE Lab	78.04, -25.81, -31.31
CIE LCh	78, 40.574, 230.500
Yxy	53.2873, 0.2150, 0.2755
Android (android.graphics.Color)	4281782778 (0xFF36D1FA)
YUV	167.3290, 40.7568, -99.3895
Hunter-Lab	72.9982, -26.0796, -28.9339

Details

The XYZ color **41.5771, 53.2873, 98.5366** 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 **44.1847, 28.7780, 6.7180**, and the grayscale version is **36.7383, 38.6516, 42.0916**.

A 20% lighter version of the original color is **63.1701, 83.5653, 107.4080**, and **21.1812, 26.9615, 54.5398** is the 20% darker color. If you saturate the color by 10%, you get **39.3016, 50.2415, 98.0697**, and if you desaturate by 10%, it is **44.5869, 56.7761, 99.0524**.

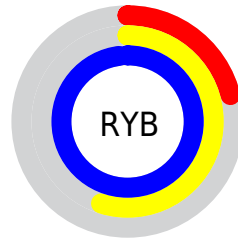
Distribution



Red (21%)

Green (82%)

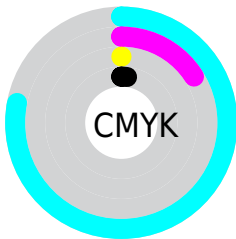
Blue (98%)



Red (21%)

Yellow (55%)

Blue (98%)

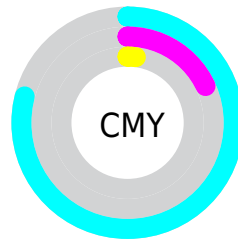


Cyan (78%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (79%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5771, 53.2873, 98.5366 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 41.5771, 53.2873, 98.5366 by changing the saturation by 10% instead.

41.5771, 53.2873,
98.5366

41.5771, 53.2873,
98.5366

343.7484,
399.3864, 576.6972

28.9600, 38.0322,
74.4689

76.8284, 95.0270,
161.1790

19.1947, 26.0077,
54.6788

100.1932,
122.2803, 200.5907

11.9159, 16.8294,
38.7477

127.8713,
154.3019, 245.9542

6.7582, 10.1129,
26.2572

160.2280,
191.4760, 297.6881

3.3563, 5.4739,
16.7887

197.6288,
234.1872, 356.2107

1.3449, 2.5279,
9.9236

240.4388,

0.2164, 0.8906,

282.8197, 421.9408

5.2434

289.0236,
337.7580, 495.2967

■ 0.0000, 0.0000,
2.3295

■ 0.0000, 0.0000,
0.7477

■ 41.5771, 53.2873,
98.5366

■ 41.5771, 53.2873,
98.5366

■ 39.3016, 50.2415,
98.0697

■ 44.5869, 56.7761,
99.0524

■ 37.6242, 47.5650,
97.6415

■ 48.4188, 60.7509,
99.6177

■ 37.3817, 47.1546,
97.5750

■ 53.1535, 65.2549,
100.2375

■ 58.8604, 70.3242,
100.9152

65.6019, 75.9917,
101.6538

73.4348, 82.2873,
102.4561

82.4121, 89.2387,
103.3247

92.5829, 96.8718,
104.2620

94.2555, 99.6822,
104.7163

Harmonies

Analogous

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



37.6965, 53.2873, 74.6503



41.5771, 53.2873, 98.5366



48.1792, 53.2873, 112.4535

Triad

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



41.5771, 53.2873, 98.5366



67.1773, 53.2873, 65.5104



45.5064, 53.2873, 26.0386

Complementary

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



41.5771, 53.2873, 98.5366



44.1847, 28.7780, 6.7180

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.



53.1997, 53.2873, 24.7923



41.5771, 53.2873, 98.5366



66.2705, 53.2873, 44.0648

Square

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



41.5771, 53.2873, 98.5366



63.3129, 53.2873, 90.3692



60.9506, 53.2873, 30.4837



39.7958, 53.2873, 34.4918

Rectangle

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



41.5771, 53.2873, 98.5366



53.4704, 53.2873, 112.2484



60.9506, 53.2873, 30.4837



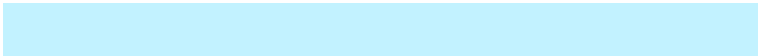
47.9267, 53.2873, 24.8673

Sweetspot

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



41.5789, 53.2892, 98.5379



72.0577, 82.2847, 106.6924



37.6935, 69.9508, 21.9209



14.8194, 17.1220, 22.7738



0.0000, 0.0000, 0.0000



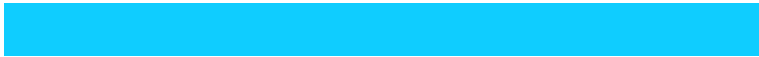
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5789, 53.2892, 98.5379



40.0489, 50.9181, 102.3251



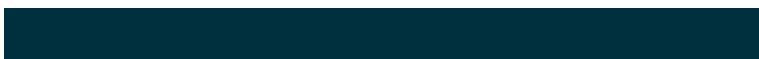
24.6620, 19.4554, 92.8989



17.4395, 18.9558, 22.1250



19.9359, 25.2273, 51.7922



1.9210, 2.4856, 4.8217

Inverse Universe

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



52.2537, 27.5677, 62.8904



52.4172, 26.0110, 59.9247



58.7668, 57.9422, 11.5788



17.8284, 17.4587, 20.9520



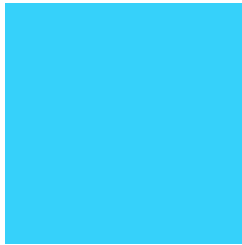
26.3547, 12.9576, 29.6402



2.4785, 1.2152, 2.9434

Previews

White Background



This preview shows how the XYZ color 41.5771, 53.2873, 98.5366 looks on a white background.

Color Contrast Check

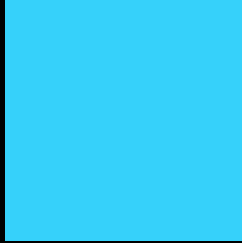
Large Text (above 18pt) WCAG AA × Fail

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 41.5771, 53.2873, 98.5366 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 41.5771, 53.2873, 98.5366

Background



This preview shows how black text looks on a background with the XYZ color 41.5771, 53.2873, 98.5366.

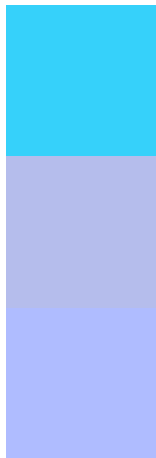


This preview shows how white text looks on a background with the XYZ color 41.5771, 53.2873,

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

41.5771, 53.2873, 98.5366

Protanopia

52.3940, 52.2751, 86.6855

Deuteranopia

53.7124, 52.3004, 101.8718



Tritanopia

38.3618, 53.0762, 83.0858

Trichromacy



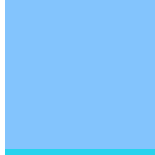
Original Color

41.5771, 53.2873, 98.5366



Protanomaly

45.6088, 50.9816, 90.6557



Deuteranomaly

46.8296, 51.3970, 100.3809



Tritanomaly

39.4170, 53.1343, 88.2992

Monochromacy



Original Color

41.5771, 53.2873, 98.5366



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

35.4102, 41.9227, 59.0489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5771, 53.2873, 98.5366 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(54, 209, 250)` looks like.

```
.text, #text, p{  
    color:rgb(54, 209, 250)  
}
```

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(54, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 209, 250) }
```

Border

The CSS property to change the border of an element to XYZ 41.5771, 53.2873, 98.5366 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(54, 209, 250) }
```


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

```
.border{ border-color:rgb(54, 209, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 209, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(54, 209,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5771, 53.2873, 98.5366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 209, 250) }
```

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

```
.background{ background-color: rgb(54, 209,  
250) }
```

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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