

Converting Colors

XYZ(41.2423, 52.5777, 97.8143)

Have a look what the booklet for
XYZ(41.2423, 52.5777, 97.8143)
contains.

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Color

**XYZ(41.0990, 52.3351,
97.5581)**

Conversions

Conversions Part 1

Format	Color
Hex	39CFF9
RGB	57, 207, 249
RGB Percent	22%, 81%, 98%
CMY	0.7764, 0.1882, 0.0235
CMYK	0.77, 0.17, 0.00, 0.02
HSL	193°, 94%, 60%
HSV	193°, 77%, 98%
XYZ	41.0990, 52.3351, 97.5581
YIQ	166.9380, -102.8820, -18.7380

Conversions

Conversions Part 2

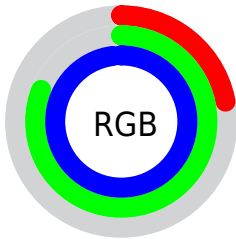
Format	Color
R _Y B	57, 141, 249
Decimal	3788793
CIE Lab	77.48, -24.84, -31.64
CIE LCh	77, 40.223, 231.863
Yxy	52.3351, 0.2152, 0.2740
Android (android.graphics.Color)	4281978873 (0xFF39CFF9)
YUV	166.9380, 40.4566, -96.4156
Hunter-Lab	72.3430, -25.1921, -29.3154

Details

The XYZ color **41.0990, 52.3351, 97.5581** 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 **44.2692, 29.3615, 7.2068**, and the grayscale version is **36.5483, 38.4516, 41.8738**.

A 20% lighter version of the original color is **63.3257, 83.6455, 107.4153**, and **20.7427, 26.2622, 53.8450** is the 20% darker color. If you saturate the color by 10%, you get **38.7148, 49.1815, 97.0761**, and if you desaturate by 10%, it is **44.2274, 55.9419, 98.0904**.

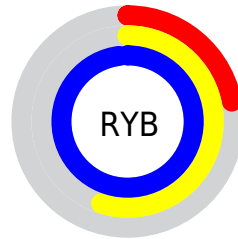
Distribution



Red (22%)

Green (81%)

Blue (98%)



Red (22%)

Yellow (55%)

Blue (98%)

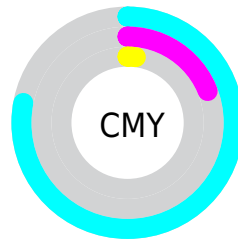


Cyan (77%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0990, 52.3351, 97.5581 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 41.0990, 52.3351, 97.5581 by changing the saturation by 10% instead.

41.0990, 52.3351,
97.5581

41.0990, 52.3351,
97.5581

341.7897,
395.7289, 573.5147

28.5845, 37.2722,
73.6573

76.1079, 93.6253,
159.8199

18.9094, 25.4184,
54.0185

99.3330, 120.6213,
199.0179

11.7084, 16.3890,
38.2232

126.8590,
152.3640, 244.1521

6.6163, 9.7998,
25.8528

159.0512,
189.2375, 295.6411

3.2675, 5.2665,
16.4888

196.2750,
231.6264, 353.9032

1.2967, 2.4044,
9.7126

238.8958,

0.1808, 0.8282,

279.9150, 419.3572

5.1057

287.2790,
334.4877, 492.4215

■ 0.0000, 0.0000,
2.2496

■ 0.0000, 0.0000,
0.7028

■ 41.0990, 52.3351,
97.5581

■ 41.0990, 52.3351,
97.5581

■ 38.7148, 49.1815,
97.0761

■ 44.2274, 55.9419,
98.0904

■ 36.9539, 46.4152,
96.6349

■ 48.1849, 60.0433,
98.6735

■ 36.5092, 45.6599,
96.5126

■ 53.0499, 64.6816,
99.3123

■ 58.8901, 69.8921,
100.0103

65.7667, 75.7070,
100.7702

73.7354, 82.1559,
101.5950

82.8482, 89.2659,
102.4870

92.7050, 96.8314,
103.4278

94.0991, 99.6196,
103.8925

Harmonies

Analogous

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



37.1589, 52.3351, 74.3937



41.0990, 52.3351, 97.5581



47.6641, 52.3351, 110.5110

Triad

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



41.0990, 52.3351, 97.5581



65.9951, 52.3351, 63.2383



44.3992, 52.3351, 25.8519

Complementary

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



41.0990, 52.3351, 97.5581



44.2692, 29.3615, 7.2068

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.



51.8813, 52.3351, 24.3249



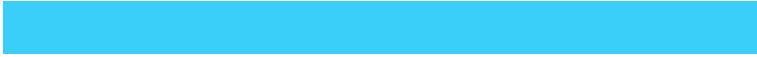
41.0990, 52.3351, 97.5581



64.8887, 52.3351, 42.5274

Square

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



41.0990, 52.3351, 97.5581



62.4039, 52.3351, 87.5994



59.5211, 52.3351, 29.5835



38.9219, 52.3351, 34.4894

Rectangle

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



41.0990, 52.3351, 97.5581



52.8686, 52.3351, 109.7635



59.5211, 52.3351, 29.5835



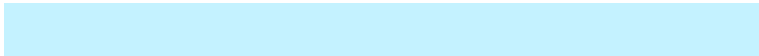
46.7430, 52.3351, 24.5990

Sweetspot

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



41.1007, 52.3370, 97.5594



72.7089, 82.6082, 106.7206



37.7978, 69.5159, 23.1329



14.9364, 17.1690, 22.7767



0.0000, 0.0000, 0.0000



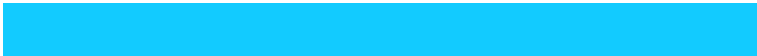
20.3446, 21.4041, 23.3091

Same Dimension

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



41.1007, 52.3370, 97.5594



39.6814, 50.1167, 102.1898



24.5165, 19.1685, 92.0313



17.4248, 18.9264, 22.1201



19.6520, 24.6597, 51.6976



1.8970, 2.4377, 4.8137

Inverse Universe

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



51.7940, 27.5727, 61.6256



52.2479, 26.0054, 58.8420



59.2329, 59.2889, 12.1947



17.8209, 17.4557, 20.9128



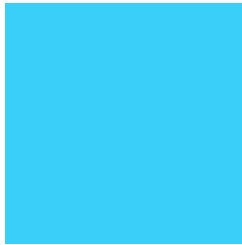
26.2115, 12.9003, 28.8857



2.4664, 1.2103, 2.8796

Previews

White Background



This preview shows how the XYZ color 41.0990, 52.3351, 97.5581 looks on a white background.

Color Contrast Check

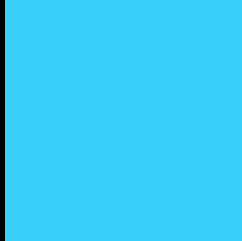
Large Text (above 18pt) WCAG AA × Fail

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 41.0990, 52.3351, 97.5581 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

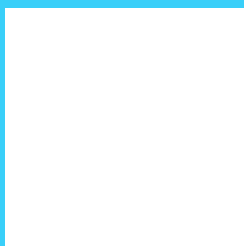
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0990, 52.3351, 97.5581

Background



This preview shows how black text looks on a background with the XYZ color 41.0990, 52.3351, 97.5581.

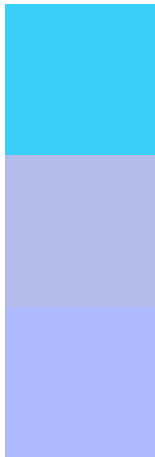


This preview shows how white text looks on a background with the XYZ color 41.0990, 52.3351,

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

41.0990, 52.3351, 97.5581

Protanopia

51.5690, 51.5483, 85.8291

Deuteranopia

52.8933, 51.5806, 100.9342



Tritanopia

37.9910, 52.5473, 81.5391

Trichromacy



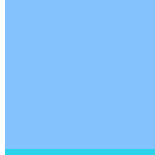
Original Color

41.0990, 52.3351, 97.5581



Protanomaly

45.2350, 50.4724, 89.7961



Deuteranomaly

46.2225, 50.4371, 99.3946



Tritanomaly

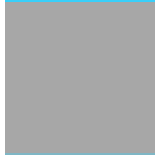
39.1832, 52.6629, 87.4567

Monochromacy



Original Color

41.0990, 52.3351, 97.5581



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

35.5584, 41.9991, 59.0558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0990, 52.3351, 97.5581 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(57, 207, 249)` looks like.

```
.text, #text, p{  
    color:rgb(57, 207, 249)  
}
```

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(57, 207, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 207, 249) }
```

Border

The CSS property to change the border of an element to XYZ 41.0990, 52.3351, 97.5581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

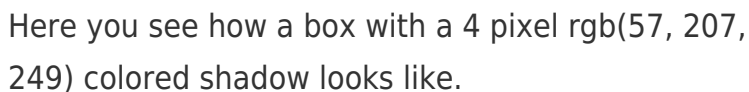
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 207, 249) }
```


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

```
.border{ border-color:rgb(57, 207, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(57, 207, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 207, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 207, 249); box-shadow:4px 4px 4px 4px rgb(57, 207, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0990, 52.3351, 97.5581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 207, 249) }
```

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

```
.background{ background-color: rgb(57, 207,  
249) }
```

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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