

Converting Colors

XYZ(41.4565, 53.9942, 97.0439)

Have a look what the booklet for
XYZ(41.4565, 53.9942, 97.0439)
contains.

XYZ(41.4565, 53.9942, 97.0439)	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(41.4565, 53.9942,
97.0439)**

Conversions

Conversions Part 1

Format	Color
Hex	30D3F8
RGB	48, 211, 248
RGB Percent	19%, 83%, 97%
CMY	0.8117, 0.1725, 0.0274
CMYK	0.81, 0.15, 0.00, 0.03
HSL	191°, 93%, 58%
HSV	191°, 81%, 97%
XYZ	41.4565, 53.9942, 97.0439
YIQ	166.4810, -109.0250, -23.0490

Conversions

Conversions Part 2

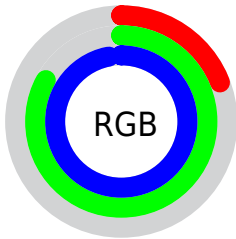
Format	Color
R_{YB}	48, 138, 248
Decimal	3199992
CIE _{Lab}	78.46, -27.96, -29.61
CIE _{LCh}	78, 40.726, 226.644
Yxy	53.9942, 0.2154, 0.2805
Android (android.graphics.Color)	4281390072 (0xFF30D3F8)
YUV	166.4810, 40.1889, -103.9078
Hunter-Lab	73.4807, -27.8849, -26.8661

Details

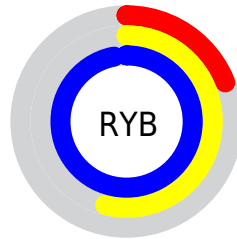
The XYZ color **41.4565, 53.9942, 97.0439** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **42.4957, 26.6702, 5.7065**, and the grayscale version is **36.3310, 38.2230, 41.6249**.

A 20% lighter version of the original color is **62.5624, 83.2520, 107.3796**, and **21.2924, 27.5385, 53.4835** is the 20% darker color. If you saturate the color by 10%, you get **39.4731, 51.3046, 96.6303**, and if you desaturate by 10%, it is **44.1287, 57.0892, 97.5015**.

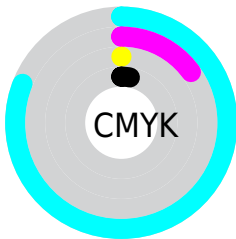
Distribution



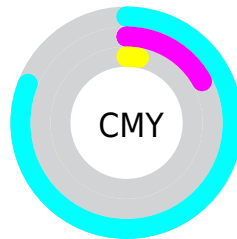
- Red (19%)
- Green (83%)
- Blue (97%)



- Red (19%)
- Yellow (54%)
- Blue (97%)



- Cyan (81%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (81%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4565, 53.9942, 97.0439 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 41.4565, 53.9942, 97.0439 by changing the saturation by 10% instead.

41.4565, 53.9942,
97.0439

41.4565, 53.9942,
97.0439

343.2550,
402.0879, 571.8384

28.8652, 38.5970,
73.2310

76.6467, 96.0657,
159.1051

19.1226, 26.4464,
53.6719

99.9764, 123.5089,
198.1905

11.8635, 17.1579,
37.9480

127.6162,
155.7361, 243.2039

6.7223, 10.3471,
25.6408

159.9315,
193.1319, 294.5637

3.3338, 5.6297,
16.3318

197.2877,
236.0806, 352.6885

1.3327, 2.6213,
9.6024

240.0501,

0.2075, 0.9374,

284.9665, 417.9969

5.0340

288.5841,
340.1742, 490.9074

■ 0.0000, 0.0000,
2.2081

■ 0.0000, 0.0000,
0.6790

■ 41.4565, 53.9942,
97.0439

■ 41.4565, 53.9942,
97.0439

■ 39.4731, 51.3046,
96.6303

■ 44.1287, 57.0892,
97.5015

■ 38.0918, 49.0741,
96.2726

■ 47.5799, 60.6335,
98.0037

■ 51.8916, 64.6705,
98.5557

■ 57.1335, 69.2366,
99.1608

■ 63.3682, 74.3642,
99.8219

■ 70.6523, 80.0831,
100.5418

■ 79.0384, 86.4206,
101.3231

■ 88.5753, 93.4024,
102.1681

■ 93.0873, 97.8450,
102.7878

Harmonies

Analogous

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



37.9337, 53.9942, 72.3496



41.4565, 53.9942, 97.0439



47.8439, 53.9942, 112.9906

Triad

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



41.4565, 53.9942, 97.0439



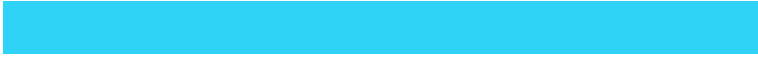
67.8092, 53.9942, 69.5789



47.0341, 53.9942, 25.8490

Complementary

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



41.4565, 53.9942, 97.0439



42.4957, 26.6702, 5.7065

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.



54.9602, 53.9942, 25.4722



41.4565, 53.9942, 97.0439



67.5342, 53.9942, 47.0410

Square

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



41.4565, 53.9942, 97.0439



63.3516, 53.9942, 94.5662



62.6354, 53.9942, 32.1991



40.9170, 53.9942, 33.4117

Rectangle

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



41.4565, 53.9942, 97.0439



53.1223, 53.9942, 114.3825



62.6354, 53.9942, 32.1991



49.5586, 53.9942, 24.9622

Sweetspot

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



41.4583, 53.9961, 97.0452



72.5005, 83.1703, 106.8400



36.4148, 68.4153, 19.8147



14.9272, 17.3375, 22.8097



0.0000, 0.0000, 0.0000



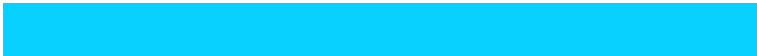
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4583, 53.9961, 97.0452



41.0046, 52.9870, 102.6741



23.8858, 18.8511, 91.1877



17.4768, 19.0304, 22.1374



20.6735, 26.7026, 52.0381



1.9831, 2.6098, 4.8424

Inverse Universe

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



51.5278, 26.7755, 64.0822



52.8611, 26.0413, 62.7164



56.5266, 54.7319, 10.3835



17.8472, 17.4662, 21.0511



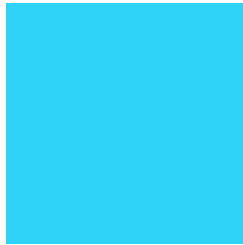
26.7271, 13.1065, 31.6007



2.5099, 1.2277, 3.1084

Previews

White Background



This preview shows how the XYZ color 41.4565, 53.9942, 97.0439 looks on a white background.

Color Contrast Check

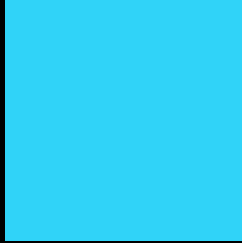
Large Text (above 18pt) WCAG AA × Fail

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 41.4565, 53.9942, 97.0439 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 41.4565, 53.9942, 97.0439

Background



This preview shows how black text looks on a background with the XYZ color 41.4565, 53.9942, 97.0439.

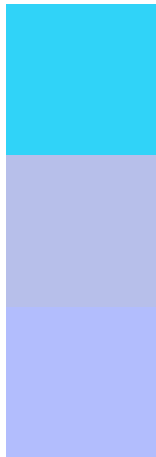


This preview shows how white text looks on a background with the XYZ color 41.4565, 53.9942,

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

41.4565, 53.9942, 97.0439

Protanopia

53.0105, 53.2694, 85.3300

Deuteranopia

54.2873, 52.9520, 100.2880



Tritanopia

38.8713, 54.0693, 83.9890

Trichromacy



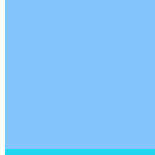
Original Color

41.4565, 53.9942, 97.0439



Protanomaly

45.6056, 51.6885, 89.2346



Deuteranomaly

46.7389, 51.7228, 98.7869



Tritanomaly

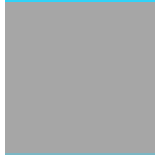
39.7075, 54.0263, 88.4561

Monochromacy



Original Color

41.4565, 53.9942, 97.0439



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

34.8601, 41.6524, 58.4269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4565, 53.9942, 97.0439 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(48, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(48, 211, 248)  
}
```

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(48, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 211, 248) }
```

Border

The CSS property to change the border of an element to XYZ 41.4565, 53.9942, 97.0439 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(48, 211, 248) }
```


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

```
.border{ border-color:rgb(48, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(48, 211,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4565, 53.9942, 97.0439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 211, 248) }
```

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

```
.background{ background-color: rgb(48, 211,  
248) }
```

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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