

Converting Colors

XYZ(40.3961, 54.4232, 92.3122)

Have a look what the booklet for
XYZ(40.3961, 54.4232, 92.3122)
contains.

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Color

**XYZ(40.3280, 54.2605,
92.3522)**

Conversions

Conversions Part 1

Format	Color
Hex	1DD5F2
RGB	29, 213, 242
RGB Percent	11%, 84%, 95%
CMY	0.8861, 0.1647, 0.0510
CMYK	0.88, 0.12, 0.00, 0.05
HSL	188°, 89%, 53%
HSV	188°, 88%, 95%
XYZ	40.3280, 54.2605, 92.3522
YIQ	161.2900, -118.9730, -29.9890

Conversions

Conversions Part 2

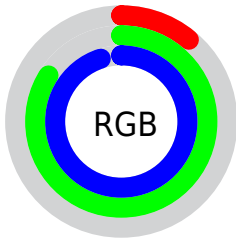
Format	Color
RYB	29, 128, 242
Decimal	1955314
CIELab	78.61, -32.10, -26.19
CIElCh	79, 41.430, 219.212
Yxy	54.2605, 0.2157, 0.2903
Android (android.graphics.Color)	4280145394 (0xFF1DD5F2)
YUV	161.2900, 39.7900, -116.0183
Hunter-Lab	73.6617, -31.1836, -22.7707

Details

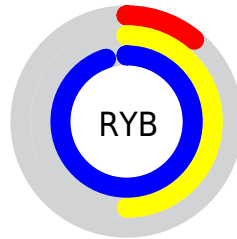
The XYZ color **40.3280, 54.2605, 92.3522** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **38.3552, 21.9956, 3.3885**, and the grayscale version is **33.8765, 35.6407, 38.8128**.

A 20% lighter version of the original color is **61.4177, 82.6619, 107.3260**, and **21.0898, 27.9989, 50.7472** is the 20% darker color. If you saturate the color by 10%, you get **39.0622, 52.3910, 92.0591**, and if you desaturate by 10%, it is **42.1399, 56.4386, 92.6782**.

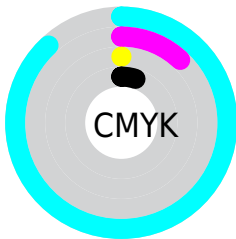
Distribution



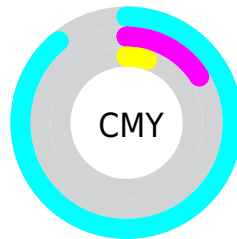
- Red (11%)
- Green (84%)
- Blue (95%)



- Red (11%)
- Yellow (50%)
- Blue (95%)



- Cyan (88%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3280, 54.2605, 92.3522 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 40.3280, 54.2605, 92.3522 by changing the saturation by 10% instead.

40.3280, 54.2605,
92.3522

40.3280, 54.2605,
92.3522

338.6149,
403.1026, 556.4194

27.9797, 38.8100,
69.3485

74.9439, 96.4566,
152.5654

18.4508, 26.6119,
50.5221

97.9422, 123.9710,
190.6120

11.3757, 17.2820,
35.4543

125.2213,
156.2755, 234.5099

6.3893, 10.4357,
23.7267

157.1464,
193.7544, 284.6778

3.1261, 5.6888,
14.9207

194.0830,
236.7922, 341.5342

1.2208, 2.6568,
8.6177

236.3963,

0.1227, 0.9553,

285.7732, 405.4975

4.3993

284.4518,
341.0819, 476.9864

■ 0.0000, 0.0000,
1.8469

■ 0.0000, 0.0000,
0.4586

■ 40.3280, 54.2605,
92.3522

■ 40.3280, 54.2605,
92.3522

■ 39.0622, 52.3910,
92.0591

■ 42.1399, 56.4386,
92.6782

■ 38.8398, 52.0362,
92.0023

■ 44.6093, 58.9798,
93.0385

■ 47.8230, 61.9299,
93.4386

■ 51.8530, 65.3263,
93.8817

■ 56.7629, 69.2019,
94.3710

■ 62.6097, 73.5862,
94.9091

■ 69.4456, 78.5062,
95.4985

■ 77.3190, 83.9871,
96.1414

■ 86.2750, 90.0522,
96.8401

Harmonies

Analogous

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



37.5616, 54.2605, 66.5837



40.3280, 54.2605, 92.3522



46.1932, 54.2605, 111.9483

Triad

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



40.3280, 54.2605, 92.3522



67.7075, 54.2605, 76.5402



49.0975, 54.2605, 24.8549

Complementary

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



40.3280, 54.2605, 92.3522



38.3552, 21.9956, 3.3885

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.



57.3550, 54.2605, 26.1978



40.3280, 54.2605, 92.3522



68.6960, 54.2605, 52.1632

Square

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



40.3280, 54.2605, 92.3522



62.1615, 54.2605, 101.2722



64.7352, 54.2605, 34.9472



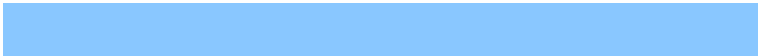
42.2608, 54.2605, 30.6156

Rectangle

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



40.3280, 54.2605, 92.3522



51.3571, 54.2605, 116.4892



64.7352, 54.2605, 34.9472



51.7895, 54.2605, 24.5327

Sweetspot

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



40.3298, 54.2624, 92.3535



71.9093, 83.8952, 107.0111



33.0094, 64.0664, 14.5534



14.8596, 17.5670, 22.8575



0.0000, 0.0000, 0.0000



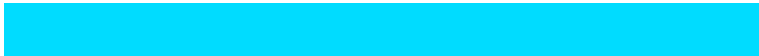
20.3446, 21.4041, 23.3091

Same Dimension

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



40.3298, 54.2624, 92.3535



43.7163, 58.5526, 103.6054



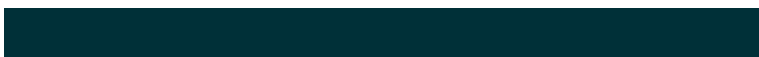
21.8051, 17.2132, 86.1787



16.0531, 17.5404, 20.2612



20.9394, 28.1030, 49.4487



1.7922, 2.4383, 4.1304

Inverse Universe

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



49.0691, 24.5620, 65.1073



54.1952, 26.4421, 70.1510



50.1004, 45.4860, 7.3036



16.3563, 15.9922, 19.4323



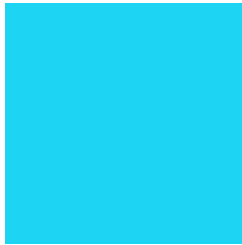
25.8948, 12.6304, 33.6925



2.1796, 1.0609, 2.9364

Previews

White Background



This preview shows how the XYZ color 40.3280, 54.2605, 92.3522 looks on a white background.

Color Contrast Check

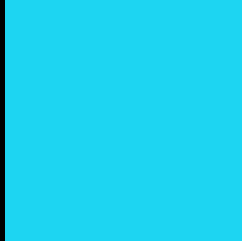
Large Text (above 18pt) WCAG AA × Fail

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 40.3280, 54.2605, 92.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

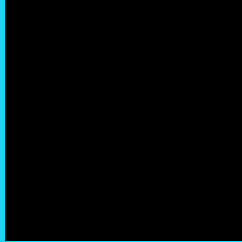
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3280, 54.2605, 92.3522

Background



This preview shows how black text looks on a background with the XYZ color 40.3280, 54.2605, 92.3522.

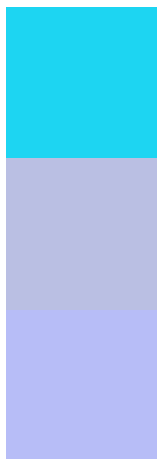


This preview shows how white text looks on a background with the XYZ color 40.3280, 54.2605,

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

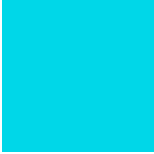
40.3280, 54.2605, 92.3522

Protanopia

52.7456, 53.2468, 80.1707

Deuteranopia

54.5145, 53.1779, 95.3868



Tritanopia

38.8659, 54.4271, 84.8010

Trichromacy



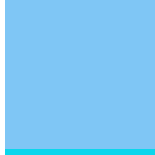
Original Color

40.3280, 54.2605, 92.3522



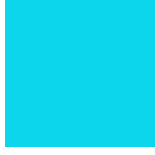
Protanomaly

44.0422, 51.3402, 83.9323



Deuteranomaly

45.4279, 51.4928, 93.9310



Tritanomaly

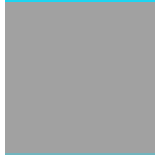
39.3249, 54.2204, 87.7498

Monochromacy



Original Color

40.3280, 54.2605, 92.3522



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

32.4256, 39.8709, 54.7020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3280, 54.2605, 92.3522 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(29, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(29, 213, 242)  
}
```

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(29, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 213, 242) }
```

Border

The CSS property to change the border of an element to XYZ 40.3280, 54.2605, 92.3522 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(29, 213, 242) }
```


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

```
.border{ border-color:rgb(29, 213, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(29, 213,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3280, 54.2605, 92.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 213, 242) }
```

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

```
.background{ background-color: rgb(29, 213,  
242) }
```

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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