

Converting Colors

XYZ(41.3131, 53.1326,
102.6859)

Have a look what the booklet for
XYZ(41.3131, 53.1326, 102.6859)
contains.

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Color

**XYZ(41.2765, 53.0405,
102.6701)**

Conversions

Conversions Part 1

Format	Color
Hex	1AD1FF
RGB	26, 209, 255
RGB Percent	10%, 82%, 100%
CMY	0.8979, 0.1804, 0.0000
CMYK	0.90, 0.18, 0.00, 0.00
HSL	192°, 100%, 55%
HSV	192°, 90%, 100%
XYZ	41.2765, 53.0405, 102.6701
YIQ	159.5270, -123.8340, -24.4900

Conversions

Conversions Part 2

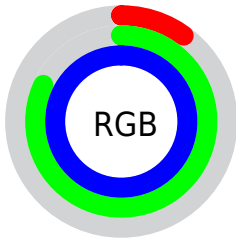
Format	Color
R _Y B	26, 128, 255
Decimal	1757695
CIE Lab	77.90, -26.10, -34.23
CIE LCh	78, 43.041, 232.674
Yxy	53.0405, 0.2095, 0.2693
Android (android.graphics.Color)	4279947775 (0xFF1AD1FF)
YUV	159.5270, 47.0682, -117.1032
Hunter-Lab	72.8289, -26.2840, -32.6035

Details

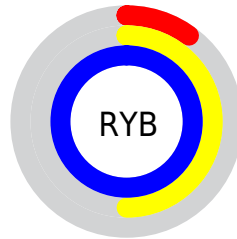
The XYZ color **41.2765, 53.0405, 102.6701** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.7467, 25.9743, 3.6875**, and the grayscale version is **33.0336, 34.7539, 37.8470**.

A 20% lighter version of the original color is **61.5557, 82.7331, 107.3325**, and **21.7486, 27.1884, 57.5277** is the 20% darker color. If you saturate the color by 10%, you get **39.6210, 50.3520, 102.2384**, and if you desaturate by 10%, it is **43.5209, 56.0945, 103.1413**.

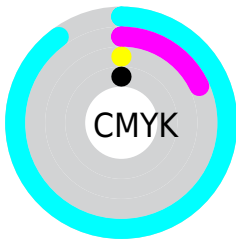
Distribution



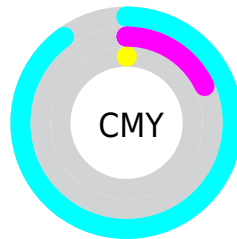
- Red (10%)
- Green (82%)
- Blue (100%)



- Red (10%)
- Yellow (50%)
- Blue (100%)



- Cyan (90%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2765, 53.0405, 102.6701 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 41.2765, 53.0405, 102.6701 by changing the saturation by 10% instead.

41.2765, 53.0405,
102.6701

41.2765, 53.0405,
102.6701

342.5178,
398.4405, 590.0394

28.7238, 37.8351,
77.9030

76.3755, 94.6640,
166.9055

19.0152, 25.8547,
57.4784

99.6526, 121.8508,
207.2109

11.7854, 16.7150,
40.9775

127.2351,
153.8003, 253.5328

6.6688, 10.0315,
27.9819

159.4885,
190.8967, 306.2898

3.3004, 5.4198,
18.0731

196.7781,
233.5246, 365.9005

1.3145, 2.4956,
10.8325

239.4693,

0.1940, 0.8745,

282.0682, 432.7832

5.8416

287.9274,
336.9121, 507.3567

■ 0.0000, 0.0000,
2.6818

■ 0.0000, 0.0000,
0.9342

■ 41.2765, 53.0405,
102.6701

■ 41.2765, 53.0405,
102.6701

■ 39.6210, 50.3520,
102.2384

■ 43.5209, 56.0945,
103.1413

■ 39.5885, 50.2970,
102.2295

■ 46.5101, 59.5921,
103.6588

■ 50.3464, 63.5875,
104.2278

■ 55.1143, 68.1247,
104.8523

■ 60.8878, 73.2425,
105.5358

■ 67.7332, 78.9755,
106.2816

■ 75.7110, 85.3556,
107.0926

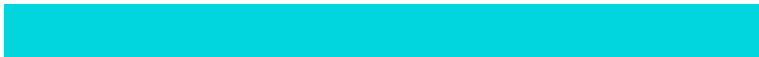
■ 84.8771, 92.4119,
107.9715

■ 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.



36.9815, 53.0405, 77.3905



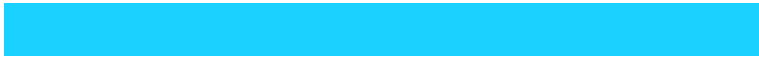
41.2765, 53.0405, 102.6701



48.3902, 53.0405, 116.5441

Triad

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



41.2765, 53.0405, 102.6701



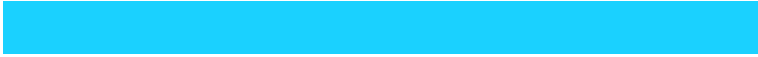
68.1074, 53.0405, 63.8270



44.4641, 53.0405, 24.8238

Complementary

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



41.2765, 53.0405, 102.6701



43.7467, 25.9743, 3.6875

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.



52.4922, 53.0405, 23.0541



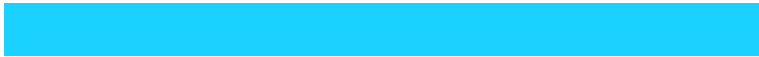
41.2765, 53.0405, 102.6701



66.7578, 53.0405, 41.7533

Square

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



41.2765, 53.0405, 102.6701



64.3151, 53.0405, 90.4261



60.8080, 53.0405, 28.3216



38.6748, 53.0405, 34.0829

Rectangle

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



41.2765, 53.0405, 102.6701



54.0252, 53.0405, 115.3563



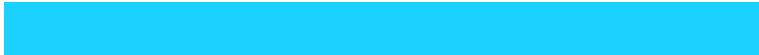
60.8080, 53.0405, 28.3216



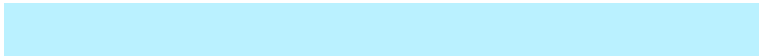
46.9663, 53.0405, 23.4611

Sweetspot

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



41.2781, 53.0423, 102.6703



69.8413, 80.6881, 106.5011



37.3512, 72.2058, 18.0707



14.3990, 16.8232, 22.7382



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.



41.2781, 53.0423, 102.6703



39.5885, 50.2970, 102.2295



22.5448, 15.5756, 96.4259



18.2267, 19.8250, 23.1159



20.7947, 26.4989, 53.4534



2.0996, 2.7300, 5.2295

Inverse Universe

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



53.1192, 26.6041, 62.6586



52.1116, 25.6087, 59.1793



59.0516, 56.5842, 8.7891



18.6271, 18.2341, 21.9193



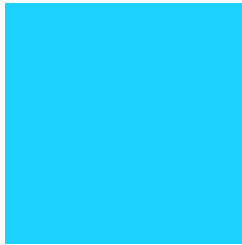
27.2844, 13.4030, 31.2117



2.6944, 1.3201, 3.2382

Previews

White Background



This preview shows how the XYZ color 41.2765, 53.0405, 102.6701 looks on a white background.

Color Contrast Check

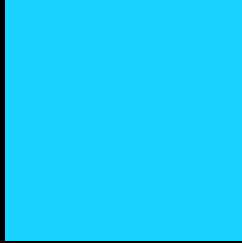
Large Text (above 18pt) WCAG AA × Fail

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 41.2765, 53.0405, 102.6701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

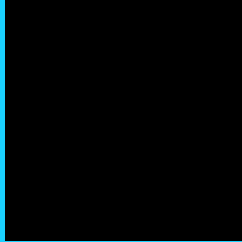
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2765, 53.0405, 102.6701

Background



This preview shows how black text looks on a background with the XYZ color 41.2765, 53.0405, 102.6701.

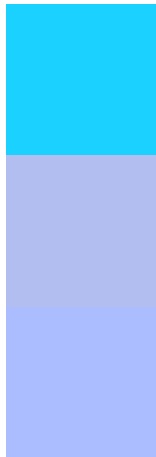


This preview shows how white text looks on a background with the XYZ color 41.2765, 53.0405,

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

41.2765, 53.0405, 102.6701

Protanopia

52.2859, 52.1514, 89.7485

Deuteranopia

53.2609, 52.3858, 101.9121



Tritanopia

37.6863, 52.7441, 82.3231

Trichromacy



Original Color

41.2765, 53.0405, 102.6701



Protanomaly

44.3897, 50.2834, 93.7523



Deuteranomaly

45.3977, 50.6218, 101.9860



Tritanomaly

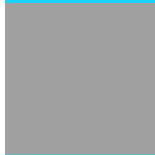
38.8395, 52.8197, 89.0371

Monochromacy



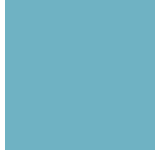
Original Color

41.2765, 53.0405, 102.6701



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

32.3263, 39.1604, 57.4847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2765, 53.0405, 102.6701 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(26, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 209, 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(26, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.2765, 53.0405, 102.6701 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(26, 209, 255) }
```


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

```
.border{ border-color:rgb(26, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2765, 53.0405, 102.6701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 209, 255) }
```

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

```
.background{ background-color: rgb(26, 209,  
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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