

Converting Colors

XYZ(42.3521, 55.2996,
103.0494)

Have a look what the booklet for
XYZ(42.3521, 55.2996, 103.0494)
contains.

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Color

**XYZ(42.4499, 55.4953,
103.0821)**

Conversions

Conversions Part 1

Format	Color
Hex	17D6FF
RGB	23, 214, 255
RGB Percent	9%, 84%, 100%
CMY	0.9096, 0.1608, 0.0000
CMYK	0.91, 0.16, 0.00, 0.00
HSL	191°, 100%, 55%
HSV	191°, 91%, 100%
XYZ	42.4499, 55.4953, 103.0821
YIQ	161.5650, -126.9970, -27.7410

Conversions

Conversions Part 2

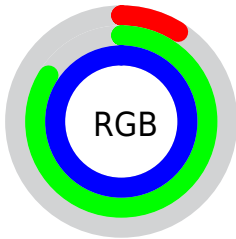
Format	Color
R _Y B	23, 128, 255
Decimal	1562367
CIE Lab	79.33, -28.69, -32.03
CIE LCh	79, 43.002, 228.144
Yxy	55.4953, 0.2112, 0.2761
Android (android.graphics.Color)	4279752447 (0xFF17D6FF)
YUV	161.5650, 46.0635, -121.5215
Hunter-Lab	74.4952, -28.6511, -29.8955

Details

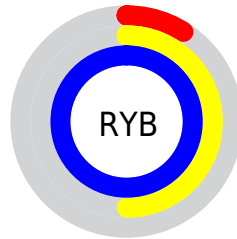
The XYZ color **42.4499, 55.4953, 103.0821** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.2306, 24.9930, 3.3583**, and the grayscale version is **33.9798, 35.7494, 38.9311**.

A 20% lighter version of the original color is **61.5557, 82.7331, 107.3325**, and **22.5912, 28.8735, 57.8085** is the 20% darker color. If you saturate the color by 10%, you get **41.0795, 53.2789, 102.7265**, and if you desaturate by 10%, it is **44.4983, 58.2692, 103.5095**.

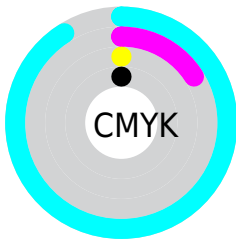
Distribution



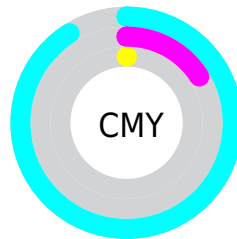
- Red (9%)
- Green (84%)
- Blue (100%)



- Red (9%)
- Yellow (50%)
- Blue (100%)



- Cyan (91%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4499, 55.4953, 103.0821 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 42.4499, 55.4953, 103.0821 by changing the saturation by 10% instead.

42.4499, 55.4953,
103.0821

42.4499, 55.4953,
103.0821

347.3046,
407.7867, 591.3605

29.6464, 39.7984,
78.2458

78.1410, 98.2663,
167.4750

19.7171, 27.3814,
57.7583

101.7593,
126.1091, 207.8687

12.2966, 17.8599,
41.2010

129.7132,
158.7695, 254.2853

7.0197, 10.8494,
28.1553

162.3680,
196.6316, 307.1433

3.5208, 5.9657,
18.2027

200.0893,
240.0801, 366.8613

1.4348, 2.8242,
10.9246

243.2422,

0.2808, 1.0407,

289.4991, 433.8578

5.9027

292.1922,
345.2732, 508.5513

■ 0.0000, 0.0000,
2.7181

■ 0.0000, 0.0000,
0.9525

■ 42.4499, 55.4953,
103.0821

■ 42.4499, 55.4953,
103.0821

■ 41.0795, 53.2789,
102.7265

■ 44.4983, 58.2692,
103.5095

■ 47.2692, 61.4617,
103.9797

■ 50.8673, 65.1282,
104.4978

■ 55.3785, 69.3134,
105.0678

■ 60.8777, 74.0563,
105.6934

■ 67.4320, 79.3917,
106.3778

■ 75.1023, 85.3514,
107.1239

■ 83.9449, 91.9648,
107.9344

■ 94.0122, 99.2593,
108.8117

Harmonies

Analogous

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



38.5225, 55.4953, 76.4302



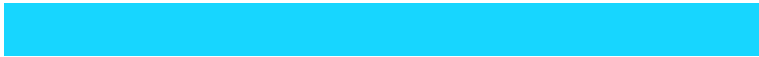
42.4499, 55.4953, 103.0821



49.4167, 55.4953, 119.7418

Triad

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



42.4499, 55.4953, 103.0821



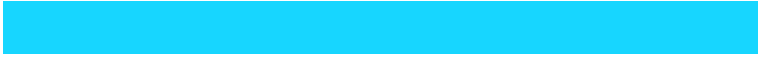
70.6708, 55.4953, 70.7029



47.7559, 55.4953, 25.6316

Complementary

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



42.4499, 55.4953, 103.0821



43.2306, 24.9930, 3.3583

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.



56.2229, 55.4953, 24.8790



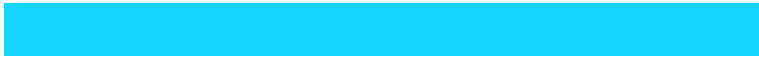
42.4499, 55.4953, 103.0821



70.1010, 55.4953, 46.8263

Square

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



42.4499, 55.4953, 103.0821



66.0679, 55.4953, 97.9193



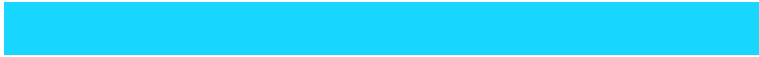
64.5867, 55.4953, 31.5360



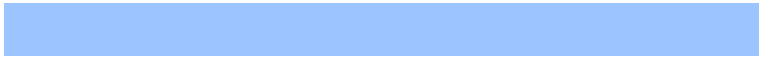
41.3484, 55.4953, 33.9809

Rectangle

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



42.4499, 55.4953, 103.0821



55.1275, 55.4953, 120.5856



64.5867, 55.4953, 31.5360



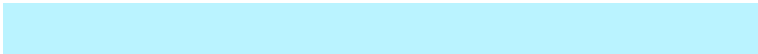
50.4353, 55.4953, 24.5848

Sweetspot

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



42.4515, 55.4972, 103.0823



70.3363, 81.6781, 106.6661



36.9756, 72.0471, 16.4721



14.5172, 17.0597, 22.7777



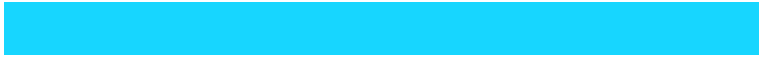
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.4515, 55.4972, 103.0823



41.0795, 53.2789, 102.7265



22.9960, 16.5862, 96.5972



18.2657, 19.9030, 23.1289



21.5644, 28.0384, 53.7100



2.1680, 2.8666, 5.2523

Inverse Universe

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



53.6851, 26.7296, 65.9500



52.8642, 25.9097, 63.1423



57.2519, 53.0356, 8.0321



18.6468, 18.2420, 22.0230



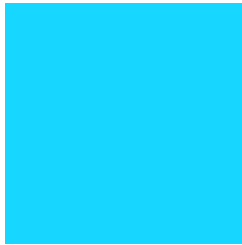
27.6729, 13.5585, 33.2577



2.7289, 1.3339, 3.4197

Previews

White Background



This preview shows how the XYZ color 42.4499, 55.4953, 103.0821 looks on a white background.

Color Contrast Check

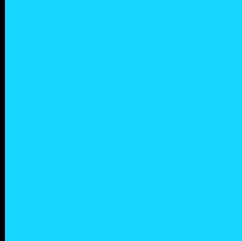
Large Text (above 18pt) WCAG AA × Fail

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 42.4499, 55.4953, 103.0821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

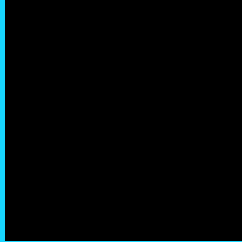
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4499, 55.4953, 103.0821

Background



This preview shows how black text looks on a background with the XYZ color 42.4499, 55.4953, 103.0821.



This preview shows how white text looks on a background with the XYZ color 42.4499, 55.4953,

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

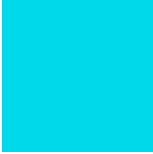
42.4499, 55.4953, 103.0821

Protanopia

54.5653, 54.6215, 90.1052

Deuteranopia

55.4900, 54.5030, 102.2032



Tritanopia

39.6641, 55.5662, 86.4767

Trichromacy



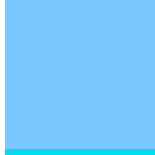
Original Color

42.4499, 55.4953, 103.0821



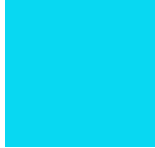
Protanomaly

45.8255, 52.7258, 94.1480



Deuteranomaly

46.7303, 52.6661, 102.3104



Tritanomaly

40.6830, 55.5742, 92.5871

Monochromacy



Original Color

42.4499, 55.4953, 103.0821



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

33.0432, 40.4128, 58.2834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4499, 55.4953, 103.0821 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(23, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(23, 214, 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(23, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 42.4499, 55.4953, 103.0821 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(23, 214, 255) }
```


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

```
.border{ border-color:rgb(23, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(23, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4499, 55.4953, 103.0821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 214, 255) }
```

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

```
.background{ background-color: rgb(23, 214,  
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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