

Converting Colors

XYZ(59.1411, 74.3227,
126.2581)

Have a look what the booklet for
XYZ(59.1411, 74.3227, 126.2581)
contains.

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Color

**XYZ(55.1539, 72.6043,
105.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	6AF0FF
RGB	106, 240, 255
RGB Percent	42%, 94%, 100%
CMY	0.5843, 0.0588, 0.0000
CMYK	0.58, 0.06, 0.00, 0.00
HSL	186°, 100%, 71%
HSV	186°, 58%, 100%
XYZ	55.1539, 72.6043, 105.7149
YIQ	201.6440, -84.6790, -23.7430

Conversions

Conversions Part 2

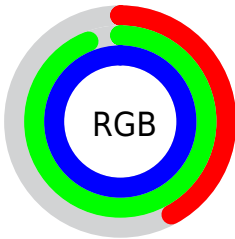
Format	Color
RYB	106, 177, 255
Decimal	7008511
CIELab	88.26, -32.35, -18.28
CIELCh	88, 37.156, 209.479
Yxy	72.6043, 0.2362, 0.3110
Android (android.graphics.Color)	4285198591 (0xFF6AF0FF)
YUV	201.6440, 26.3045, -83.8798
Hunter-Lab	85.2082, -33.5740, -13.9134

Details

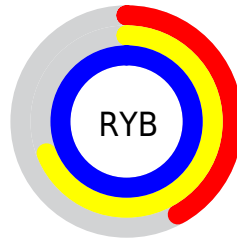
The XYZ color **55.1539, 72.6043, 105.7149** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.6797, 35.9764, 17.9107**, and the grayscale version is **55.7986, 58.7045, 63.9292**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **27.5830, 38.4868, 59.4010** is the 20% darker color. If you saturate the color by 10%, you get **51.8121, 69.7694, 105.3438**, and if you desaturate by 10%, it is **59.4110, 75.9302, 106.1324**.

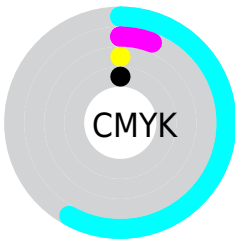
Distribution



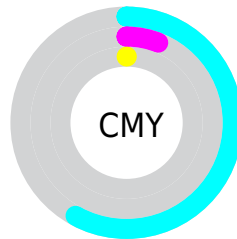
- Red (42%)
- Green (94%)
- Blue (100%)



- Red (42%)
- Yellow (69%)
- Blue (100%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1539, 72.6043, 105.7149 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 55.1539, 72.6043, 105.7149 by changing the saturation by 10% instead.

55.1539, 72.6043,
105.7149

55.1539, 72.6043,
105.7149

396.6220,
469.6422, 599.7663

39.7593, 53.6525,
80.4384

96.9134, 122.9153,
171.1090

27.5343, 38.3239,
59.5509

124.0090,
155.0433, 212.0636

18.1135, 26.2342,
42.6338

155.7357,
192.3320, 259.0814

11.1317, 16.9989,
29.2686

192.4587,
235.1660, 312.5809

6.2234, 10.2337,
19.0368

234.5435,
283.9297, 372.9806

3.0234, 5.5542,
11.5198

282.3554,

1.1661, 2.5759,

339.0073, 440.6990

6.2991

336.2598,
400.7834, 516.1548

■ 0.0794, 0.9146,
2.9561

■ 0.0000, 0.0000,
1.0722

■ 55.1539, 72.6043,
105.7149

■ 55.1539, 72.6043,
105.7149

■ 51.8121, 69.7694,
105.3438

■ 59.4110, 75.9302,
106.1324

■ 49.2972, 67.3749,
105.0142

■ 64.6499, 79.7765,
106.5987

■ 47.5134, 65.3731,
104.7218

■ 70.9377, 84.1796,
107.1172

■ 46.3239, 63.6933,
104.4603

■ 78.3341, 89.1702,
107.6907

■ 46.1618, 63.4435,
104.4206

■ 86.8939, 94.7767,
108.3217

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.



53.2679, 72.6043, 78.6088



55.1539, 72.6043, 105.7149



60.6751, 72.6043, 129.2496

Triad

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



55.1539, 72.6043, 105.7149



84.8289, 72.6043, 106.6549



69.1640, 72.6043, 39.4677

Complementary

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



55.1539, 72.6043, 105.7149



50.6797, 35.9764, 17.9107

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.



78.0714, 72.6043, 43.8971



55.1539, 72.6043, 105.7149



87.5788, 72.6043, 79.5004

Square

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



55.1539, 72.6043, 105.7149



77.7790, 72.6043, 129.8693



85.0076, 72.6043, 57.3004



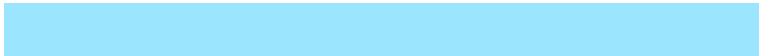
60.9229, 72.6043, 43.5967

Rectangle

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



55.1539, 72.6043, 105.7149



65.9296, 72.6043, 137.7107



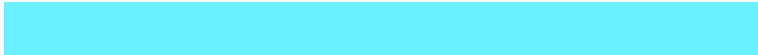
85.0076, 72.6043, 57.3004



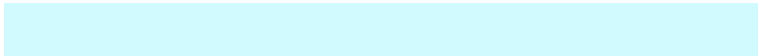
72.1812, 72.6043, 39.9873

Sweetspot

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



55.1559, 72.6069, 105.7153



78.6766, 89.3976, 107.7165



45.1502, 75.9628, 30.3418



16.3511, 18.8090, 23.0186



0.0000, 0.0000, 0.0000



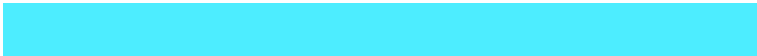
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1559, 72.6069, 105.7153



51.3643, 69.3649, 105.2893



37.5591, 37.4134, 99.8497



18.3894, 20.1505, 23.1702



24.1841, 33.2778, 54.5832



2.3980, 3.3267, 5.3290

Inverse Universe

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



62.1235, 37.8611, 86.4745



59.1500, 32.6144, 83.3242



63.4474, 61.5118, 22.1666



18.7092, 18.2670, 22.3519



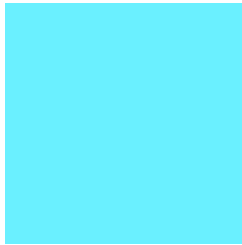
28.9952, 14.0874, 40.2208



2.8450, 1.3804, 4.0311

Previews

White Background



This preview shows how the XYZ color 55.1539, 72.6043, 105.7149 looks on a white background.

Color Contrast Check

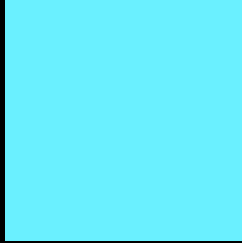
Large Text (above 18pt) WCAG AA × Fail

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 55.1539, 72.6043, 105.7149 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 55.1539, 72.6043, 105.7149

Background



This preview shows how black text looks on a background with the XYZ color 55.1539, 72.6043, 105.7149.

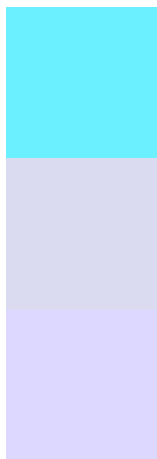


This preview shows how white text looks on a background with the XYZ color 55.1539, 72.6043,

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

55.1539, 72.6043, 105.7149

Protanopia

69.8620, 71.3991, 93.3184

Deuteranopia

72.4247, 71.7039, 104.6308



Tritanopia

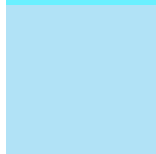
56.9384, 72.2240, 105.5474

Trichromacy



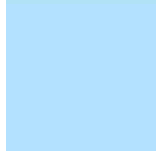
Original Color

55.1539, 72.6043, 105.7149



Protanomaly

61.9624, 70.3936, 97.5103



Deuteranomaly

63.5656, 70.6541, 104.8951



Tritanomaly

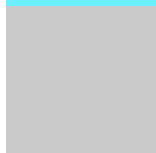
56.2323, 72.2910, 105.5975

Monochromacy



Original Color

55.1539, 72.6043, 105.7149



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.5434, 62.5477, 77.6575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1539, 72.6043, 105.7149 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(106, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 240, 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(106, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.1539, 72.6043, 105.7149 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(106, 240, 255) }
```


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

```
.border{ border-color:rgb(106, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1539, 72.6043, 105.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 240, 255) }
```

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

```
.background{ background-color: rgb(106,  
240, 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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