

Converting Colors

XYZ(54.1256, 71.7701, 99.9287)

Have a look what the booklet for
XYZ(54.1256, 71.7701, 99.9287)
contains.

XYZ(54.1165, 71.7615, 99.8061)	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(54.1165, 71.7615,
99.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	6DEFF8
RGB	109, 239, 248
RGB Percent	43%, 94%, 97%
CMY	0.5725, 0.0627, 0.0274
CMYK	0.56, 0.04, 0.00, 0.03
HSL	184°, 91%, 70%
HSV	184°, 56%, 97%
XYZ	54.1165, 71.7615, 99.8061
YIQ	201.1560, -80.3690, -24.7610

Conversions

Conversions Part 2

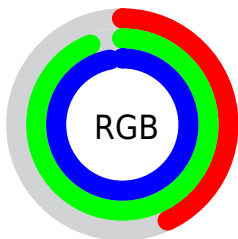
Format	Color
R _Y B	109, 176, 248
Decimal	7204856
CIE Lab	87.85, -33.23, -15.22
CIE LCh	88, 36.552, 204.611
Yxy	71.7615, 0.2398, 0.3180
Android (android.graphics.Color)	4285394936 (0xFF6DEFF8)
YUV	201.1560, 23.0941, -80.8208
Hunter-Lab	84.7122, -34.2155, -10.5557

Details

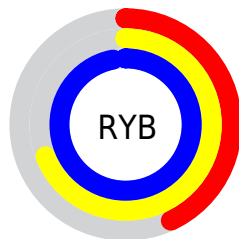
The XYZ color **54.1165, 71.7615, 99.8061** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.9518, 34.0192, 18.5091**, and the grayscale version is **55.5133, 58.4043, 63.6023**.

A 20% lighter version of the original color is **70.6046, 87.3979, 107.7560**, and **27.0130, 37.9641, 55.7732** is the 20% darker color. If you saturate the color by 10%, you get **51.0179, 69.4710, 99.5286**, and if you desaturate by 10%, it is **58.0841, 74.5094, 100.1287**.

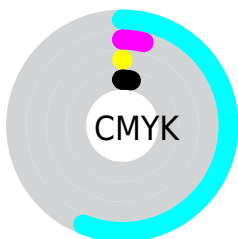
Distribution



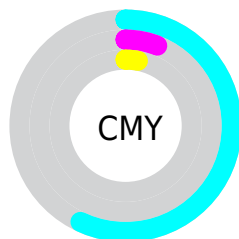
- Red (43%)
- Green (94%)
- Blue (97%)



- Red (43%)
- Yellow (69%)
- Blue (97%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1165, 71.7615, 99.8061 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 54.1165, 71.7615, 99.8061 by changing the saturation by 10% instead.

54.1165, 71.7615,
99.8061

54.1165, 71.7615,
99.8061

392.7452,
466.7110, 580.8122

38.9258, 52.9639,
75.5226

95.4012, 121.7174,
162.9402

26.8825, 37.7739,
55.5368

122.2259,
153.6444, 202.6280

17.6211, 25.8073,
39.4302

153.6594,
190.7167, 248.2876

10.7764, 16.6795,
26.7842

190.0669,
233.3187, 300.3376

5.9828, 10.0063,
17.1802

231.8139,
281.8347, 359.1965

2.8752, 5.4031,
10.1997

279.2658,

1.0881, 2.4857,

336.6492, 425.2829

5.4243

332.7877,
398.1465, 499.0153

■ 0.0151, 0.8694,
2.4352

■ 0.0000, 0.0000,
0.8055

■ 54.1165, 71.7615,
99.8061

■ 54.1165, 71.7615,
99.8061

■ 51.0179, 69.4710,
99.5286

■ 58.0841, 74.5094,
100.1287

■ 48.7072, 67.5913,
99.2876

■ 62.9800, 77.7404,
100.4943

■ 47.0996, 66.0802,
99.0806

■ 68.8657, 81.4879,
100.9074

■ 46.0869, 64.8820,
98.9027

■ 75.7958, 85.7801,
101.3706

45.7852, 64.4607,
98.8373

83.8208, 90.6429,
101.8863

91.9470, 95.5643,
102.4079

92.4444, 96.5591,
102.5737

92.9461, 97.5625,
102.7409

93.4520, 98.5743,
102.9096

Harmonies

Analogous

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



52.8884, 71.7615, 73.7276



54.1165, 71.7615, 99.8061



58.9813, 71.7615, 123.9985

Triad

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



54.1165, 71.7615, 99.8061



82.7552, 71.7615, 109.2532



69.7884, 71.7615, 39.5224

Complementary

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



54.1165, 71.7615, 99.8061



47.9518, 34.0192, 18.5091

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.



78.3481, 71.7615, 45.2578



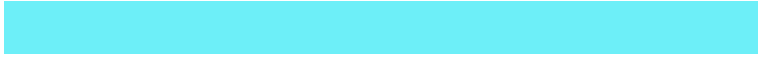
54.1165, 71.7615, 99.8061



86.2305, 71.7615, 82.7169

Square

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



54.1165, 71.7615, 99.8061



75.4047, 71.7615, 130.2139



84.5532, 71.7615, 59.8543



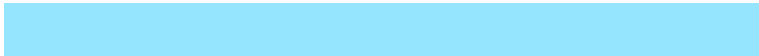
61.4828, 71.7615, 42.2063

Rectangle

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



54.1165, 71.7615, 99.8061



63.8686, 71.7615, 133.9477



84.5532, 71.7615, 59.8543



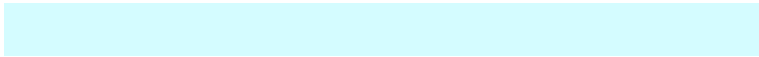
72.7378, 71.7615, 40.4850

Sweetspot

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



54.1187, 71.7642, 99.8078



79.9718, 90.9076, 107.9397



43.0254, 71.6475, 28.0716



16.7845, 19.2533, 23.0816



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.



54.1187, 71.7642, 99.8078



54.0522, 73.7769, 105.9993



37.9191, 39.3650, 94.4079



17.6640, 19.4048, 22.1998



24.7732, 34.9020, 53.4046



2.3226, 3.2889, 4.9556

Inverse Universe

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



59.7619, 37.1278, 85.6808



60.7420, 34.1520, 88.9305



58.9168, 55.9493, 22.1641



17.9417, 17.5040, 21.5486



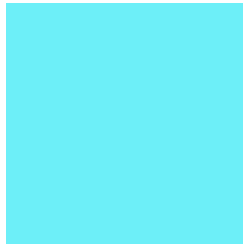
28.7964, 13.9343, 42.4978



2.6813, 1.2962, 4.0110

Previews

White Background



This preview shows how the XYZ color 54.1165, 71.7615, 99.8061 looks on a white background.

Color Contrast Check

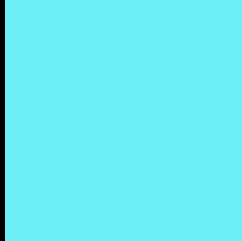
Large Text (above 18pt) WCAG AA × Fail

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 54.1165, 71.7615, 99.8061 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 54.1165, 71.7615, 99.8061

Background



This preview shows how black text looks on a background with the XYZ color 54.1165, 71.7615, 99.8061.

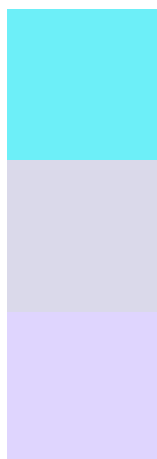


This preview shows how white text looks on a background with the XYZ color 54.1165, 71.7615,

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

54.1165, 71.7615, 99.8061

Protanopia

68.5776, 70.4716, 87.8299

Deuteranopia

72.1151, 70.4322, 103.5598



Tritanopia

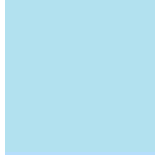
56.2193, 71.8533, 105.5137

Trichromacy



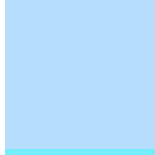
Original Color

54.1165, 71.7615, 99.8061



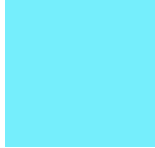
Protanomaly

60.8653, 69.5474, 91.8774



Deuteranomaly

62.9834, 69.2159, 102.1359



Tritanomaly

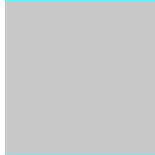
55.4813, 71.9593, 103.0608

Monochromacy



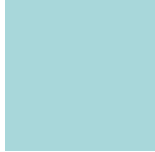
Original Color

54.1165, 71.7615, 99.8061



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.1038, 61.9877, 75.4956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1165, 71.7615, 99.8061 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(109, 239, 248)` looks like.

```
.text, #text, p{  
    color:rgb(109, 239, 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(109, 239, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 239, 248) }
```

Border

The CSS property to change the border of an element to XYZ 54.1165, 71.7615, 99.8061 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(109, 239, 248) }
```


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

```
.border{ border-color:rgb(109, 239, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 239, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 239, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 239, 248);  
box-shadow:4px 4px 4px 4px rgb(109, 239,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1165, 71.7615, 99.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 239, 248) }
```

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

```
.background{ background-color: rgb(109,  
239, 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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