

Converting Colors

XYZ(50.6625, 65.3795,
104.5567)

Have a look what the booklet for
XYZ(50.6625, 65.3795, 104.5567)
contains.

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Color

**XYZ(50.5127, 65.1397,
104.5187)**

Conversions

Conversions Part 1

Format	Color
Hex	5FE4FF
RGB	95, 228, 255
RGB Percent	37%, 89%, 100%
CMY	0.6274, 0.1059, 0.0000
CMYK	0.63, 0.11, 0.00, 0.00
HSL	190°, 100%, 69%
HSV	190°, 63%, 100%
XYZ	50.5127, 65.1397, 104.5187
YIQ	191.3110, -87.9350, -19.7990

Conversions

Conversions Part 2

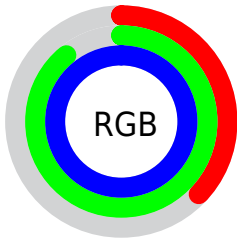
Format	Color
R_{YB}	95, 168, 255
Decimal	6284543
CIE _{Lab}	84.56, -28.43, -23.92
CIE _{LCh}	85, 37.152, 220.078
Yxy	65.1397, 0.2294, 0.2959
Android (android.graphics.Color)	4284474623 (0xFF5FE4FF)
YUV	191.3110, 31.3987, -84.4647
Hunter-Lab	80.7092, -29.5249, -20.2844

Details

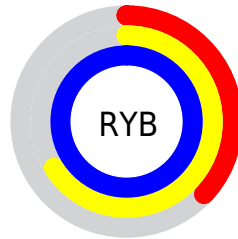
The XYZ color **50.5127, 65.1397, 104.5187** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **50.2661, 36.0067, 15.1292**, and the grayscale version is **49.5639, 52.1450, 56.7859**.

A 20% lighter version of the original color is **68.3072, 86.2136, 107.6485**, and **24.9456, 33.5823, 58.5933** is the 20% darker color. If you saturate the color by 10%, you get **47.1157, 61.6544, 104.0250**, and if you desaturate by 10%, it is **54.8093, 69.1353, 105.0634**.

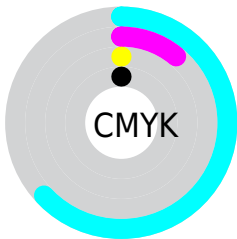
Distribution



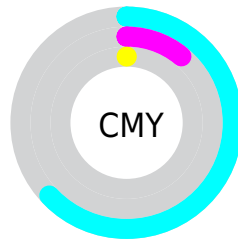
- Red (37%)
- Green (89%)
- Blue (100%)



- Red (37%)
- Yellow (66%)
- Blue (100%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5127, 65.1397, 104.5187 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 50.5127, 65.1397, 104.5187 by changing the saturation by 10% instead.

50.5127, 65.1397,
104.5187

50.5127, 65.1397,
104.5187

379.0865,
443.2938, 595.9549

36.0404, 47.5744,
79.4418

90.1213, 112.2507,
169.4590

24.6357, 33.4899,
58.7356

115.9884,
142.5651, 210.1595

15.9331, 22.5020,
41.9817

146.3844,
177.8980, 256.9049

9.5674, 14.2263,
28.7615

181.6748,
218.6338, 310.1138

5.1731, 8.2782,
18.6565

222.2248,
265.1569, 370.2047

2.3850, 4.2735,
11.2480

268.3998,

0.8376, 1.8277,

317.8517, 437.5961

6.1177

320.5653,
377.1025, 512.7067

■ 0.0000, 0.5043,
2.8468

■ 0.0000, 0.0000,
1.0170

■ 50.5127, 65.1397,
104.5187

■ 50.5127, 65.1397,
104.5187

■ 47.1157, 61.6544,
104.0250

■ 54.8093, 69.1353,
105.0634

■ 44.5245, 58.6265,
103.5771

■ 60.0767, 73.6740,
105.6619

■ 42.6337, 56.0028,
103.1703

■ 66.3848, 78.7935,
106.3176

■ 41.5864, 54.2929,
102.8955

■ 73.7956, 84.5262,
107.0335

■ 82.3661, 90.9017,
107.8124

■ 92.1492, 97.9476,
108.6567

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

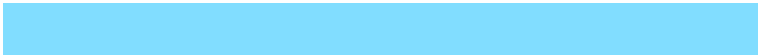
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.5238, 65.1397, 79.2078



50.5127, 65.1397, 104.5187



56.6453, 65.1397, 123.0100

Triad

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



50.5127, 65.1397, 104.5187



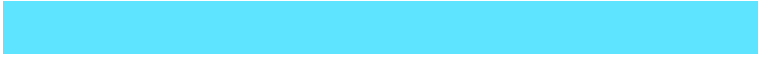
78.1201, 65.1397, 87.6246



59.1689, 65.1397, 34.8389

Complementary

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



50.5127, 65.1397, 104.5187



50.2661, 36.0067, 15.1292

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.



67.4982, 65.1397, 36.1148



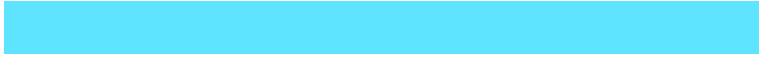
50.5127, 65.1397, 104.5187



78.9487, 65.1397, 63.2427

Square

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



50.5127, 65.1397, 104.5187



72.7398, 65.1397, 111.8481



74.9119, 65.1397, 45.4338



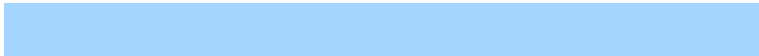
52.2183, 65.1397, 41.4452

Rectangle

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



50.5127, 65.1397, 104.5187



61.9350, 65.1397, 126.9909



74.9119, 65.1397, 45.4338



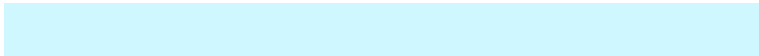
61.8917, 65.1397, 34.4028

Sweetspot

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



50.5145, 65.1420, 104.5190



76.8637, 86.8350, 107.3174



43.9729, 75.3504, 30.5330



15.9468, 18.2068, 22.9237



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.



50.5145, 65.1420, 104.5190



46.4634, 60.9322, 103.9200



33.4134, 30.9397, 98.8186



18.2787, 19.9289, 23.1332



21.8260, 28.5616, 53.7972



2.1911, 2.9129, 5.2600

Inverse Universe

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



59.3370, 35.0476, 77.0387



56.3421, 30.2118, 72.4824



64.3490, 64.1725, 19.8235



18.6533, 18.2446, 22.0574



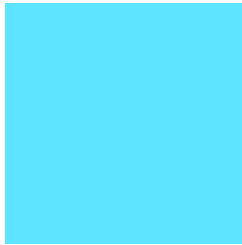
27.8050, 13.6113, 33.9530



2.7406, 1.3386, 3.4812

Previews

White Background



This preview shows how the XYZ color 50.5127, 65.1397, 104.5187 looks on a white background.

Color Contrast Check

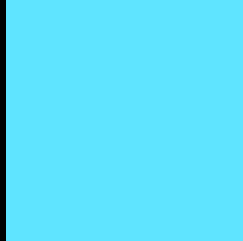
Large Text (above 18pt) WCAG AA × Fail

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 50.5127, 65.1397, 104.5187 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 50.5127, 65.1397, 104.5187

Background



This preview shows how black text looks on a background with the XYZ color 50.5127, 65.1397, 104.5187.

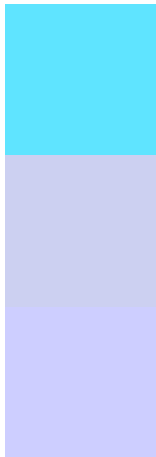


This preview shows how white text looks on a background with the XYZ color 50.5127, 65.1397,

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

50.5127, 65.1397, 104.5187

Protanopia

63.3349, 64.3000, 92.2921

Deuteranopia

65.2981, 64.3417, 103.5854



Tritanopia

49.3762, 65.0912, 98.7684

Trichromacy



Original Color

50.5127, 65.1397, 104.5187



Protanomaly

56.2448, 63.1472, 96.4130



Deuteranomaly

57.6136, 63.3125, 103.7917



Tritanomaly

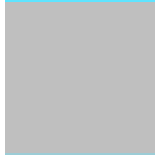
49.9461, 65.3308, 101.2445

Monochromacy



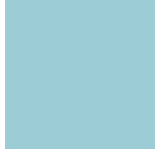
Original Color

50.5127, 65.1397, 104.5187



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

47.4408, 55.1087, 71.7550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5127, 65.1397, 104.5187 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(95, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 228, 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(95, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.5127, 65.1397, 104.5187 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(95, 228, 255) }
```


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

```
.border{ border-color:rgb(95, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(95, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5127, 65.1397, 104.5187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 228, 255) }
```

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

```
.background{ background-color: rgb(95, 228,  
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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