

Converting Colors

XYZ(52.9251, 76.7228,
105.4448)

Have a look what the booklet for
XYZ(52.9251, 76.7228, 105.4448)
contains.

XYZ(53.1007, 76.9832, 105.8265)	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(53.1007, 76.9832,
105.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	19FCFE
RGB	25, 252, 254
RGB Percent	10%, 99%, 100%
CMY	0.9018, 0.0118, 0.0039
CMYK	0.90, 0.01, 0.00, 0.00
HSL	181°, 99%, 55%
HSV	181°, 90%, 100%
XYZ	53.1007, 76.9832, 105.8265
YIQ	184.3550, -135.9340, -47.5020

Conversions

Conversions Part 2

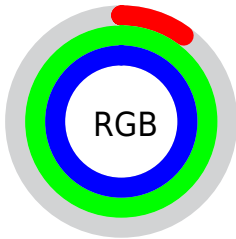
Format	Color
R_{YB}	25, 139, 254
Decimal	1703166
CIE _{Lab}	90.31, -46.45, -14.81
CIE _{LCh}	90, 48.750, 197.687
Yxy	76.9832, 0.2251, 0.3263
Android (android.graphics.Color)	4279893246 (0xFF19FCFE)
YUV	184.3550, 34.3350, -139.7543
Hunter-Lab	87.7401, -45.5161, -10.0938

Details

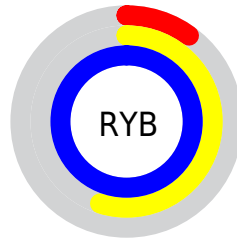
The XYZ color **53.1007, 76.9832, 105.8265** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.4424, 21.9271, 2.9700**, and the grayscale version is **45.6334, 48.0099, 52.2828**.

A 20% lighter version of the original color is **62.2674, 83.1000, 107.3658**, and **29.5932, 43.0614, 59.5753** is the 20% darker color. If you saturate the color by 10%, you get **52.6326, 76.6417, 105.7867**, and if you desaturate by 10%, it is **54.1080, 77.6075, 105.8953**.

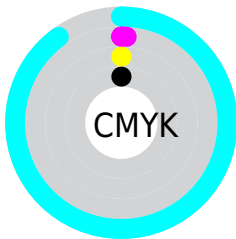
Distribution



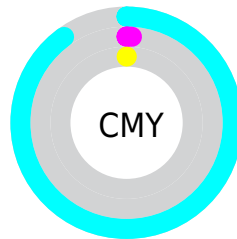
- Red (10%)
- Green (99%)
- Blue (100%)



- Red (10%)
- Yellow (55%)
- Blue (100%)



- Cyan (90%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (90%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1007, 76.9832, 105.8265 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 53.1007, 76.9832, 105.8265 by changing the saturation by 10% instead.


 53.1007, 76.9832,
105.8265


 53.1007, 76.9832,
105.8265


388.9259,
484.7067, 600.1213


 38.1110, 57.2391,
80.5314


 93.9172, 129.1158,
171.2628


 26.2464, 41.1972,
59.6270


 120.4746,
162.2730, 212.2411

 17.1417, 28.4732,
42.6947


 151.6187,
200.6701, 259.2843

 10.4315, 18.6827,
29.3161

 187.7148,
244.6914, 312.8108

 5.7504, 11.4412,
19.0724

229.1282,
294.7213, 373.2392

 2.7331, 6.3644,
11.5453

276.2243,

 1.0143, 3.0679,

351.1442, 440.9880

6.3161

329.3684,
414.3446, 516.4759

0.0000, 1.1673,
2.9663

0.0000, 0.0347,
1.0775

53.1007, 76.9832,
105.8265

53.1007, 76.9832,
105.8265

52.6326, 76.6417,
105.7867

54.1080, 77.6075,
105.8953

55.8083, 78.5876,
105.9949

58.3041, 79.9779,
106.1317

61.6791, 81.8215,
106.3097

66.0067, 84.1564,
106.5323

71.3522, 87.0161,
106.8025

77.7756, 90.4316,
107.1232

85.3320, 94.4313,
107.4970

94.0727, 99.0417,
107.9262

Harmonies

Analogous

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



52.6444, 76.9832, 70.3531



53.1007, 76.9832, 105.8265



58.5489, 76.9832, 143.6410

Triad

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



53.1007, 76.9832, 105.8265



91.8327, 76.9832, 137.3847



78.2640, 76.9832, 33.9887

Complementary

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



53.1007, 76.9832, 105.8265



41.4424, 21.9271, 2.9700

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.



90.0431, 76.9832, 43.4550



53.1007, 76.9832, 105.8265



98.4386, 76.9832, 98.9079

Square

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



53.1007, 76.9832, 105.8265



80.4968, 76.9832, 165.0478



97.7497, 76.9832, 65.1003



66.3023, 76.9832, 34.8856

Rectangle

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



53.1007, 76.9832, 105.8265



64.6575, 76.9832, 162.1642



97.7497, 76.9832, 65.1003



82.3992, 76.9832, 35.9250

Sweetspot

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



53.1030, 76.9861, 105.8284



73.9048, 88.8151, 107.8556



36.0201, 71.1622, 12.7592



15.3739, 18.7732, 23.0632



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.



53.1030, 76.9861, 105.8284



53.1041, 77.3283, 106.7347



27.5997, 25.9793, 97.3272



18.5405, 20.4526, 23.2205



27.7543, 40.4182, 55.7733



2.7066, 3.9438, 5.4319

Inverse Universe

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



58.7934, 28.7966, 94.5579



58.9337, 28.3375, 95.1038



50.3577, 39.7578, 5.9418



18.7855, 18.2975, 22.7534



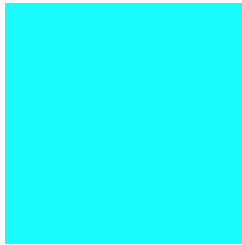
30.7973, 14.8082, 49.7105



3.0008, 1.4427, 4.8514

Previews

White Background



This preview shows how the XYZ color 53.1007, 76.9832, 105.8265 looks on a white background.

Color Contrast Check

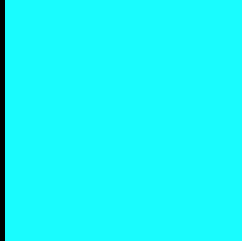
Large Text (above 18pt) WCAG AA × Fail

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 53.1007, 76.9832, 105.8265 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

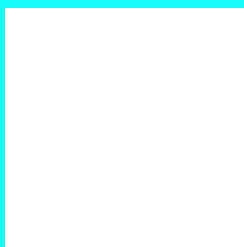
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1007, 76.9832, 105.8265

Background



This preview shows how black text looks on a background with the XYZ color 53.1007, 76.9832, 105.8265.

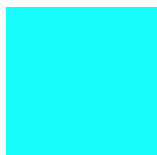


This preview shows how white text looks on a background with the XYZ color 53.1007, 76.9832,

Color Blindness Simulation

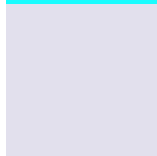
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.1007, 76.9832, 105.8265



Protanopia

73.3057, 75.5945, 90.8483



Deuteranopia

76.2195, 75.5909, 105.1810



Tritanopia

61.1824, 76.1503, 106.0816

Trichromacy



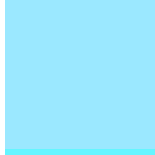
Original Color

53.1007, 76.9832, 105.8265



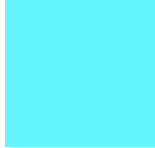
Protanomaly

58.7373, 72.0890, 95.6128



Deuteranomaly

60.4242, 71.9018, 105.3015



Tritanomaly

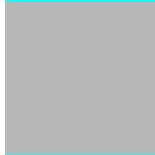
56.0692, 75.2915, 106.1853

Monochromacy



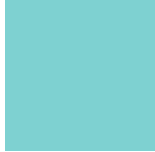
Original Color

53.1007, 76.9832, 105.8265



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.9133, 54.6400, 68.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1007, 76.9832, 105.8265 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(25, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(25, 252, 254)  
}
```

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(25, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 252, 254) }
```

Border

The CSS property to change the border of an element to XYZ 53.1007, 76.9832, 105.8265 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(25, 252, 254) }
```


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

```
.border{ border-color:rgb(25, 252, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(25, 252,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1007, 76.9832, 105.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 252, 254) }
```

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

```
.background{ background-color: rgb(25, 252,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor