

Converting Colors

XYZ(53.1087, 76.7342, 72.2676)

Have a look what the booklet for
XYZ(53.1087, 76.7342, 72.2676)
contains.

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Color

**XYZ(53.1654, 76.8262,
72.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	76FAD1
RGB	118, 250, 209
RGB Percent	46%, 98%, 82%
CMY	0.5372, 0.0196, 0.1804
CMYK	0.53, 0.00, 0.16, 0.02
HSL	161°, 93%, 72%
HSV	161°, 53%, 98%
XYZ	53.1654, 76.8262, 72.3484
YIQ	205.8580, -65.5110, -40.7350

Conversions

Conversions Part 2

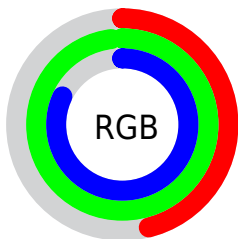
Format	Color
RYB	118, 196, 250
Decimal	7797457
CIELab	90.24, -45.97, 8.65
CIELCh	90, 46.774, 169.340
Yxy	76.8262, 0.2628, 0.3797
Android (android.graphics.Color)	4285987537 (0xFF76FAD1)
YUV	205.8580, 1.5490, -77.0515
Hunter-Lab	87.6506, -45.1174, 12.4163

Details

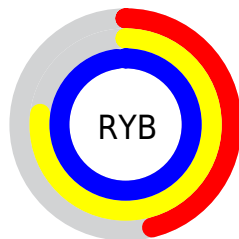
The XYZ color **53.1654, 76.8262, 72.3484** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **52.1633, 35.7859, 36.9617**, and the grayscale version is **58.5976, 61.6492, 67.1360**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **26.4025, 41.2366, 37.5782** is the 20% darker color. If you saturate the color by 10%, you get **49.2719, 74.9294, 67.2701**, and if you desaturate by 10%, it is **58.0095, 79.2116, 77.7192**.

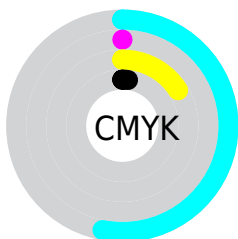
Distribution



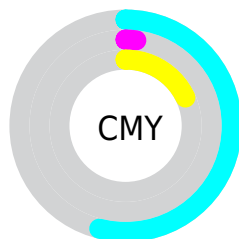
- Red (46%)
- Green (98%)
- Blue (82%)



- Red (46%)
- Yellow (77%)
- Blue (98%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (54%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1654, 76.8262, 72.3484 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 53.1654, 76.8262, 72.3484 by changing the saturation by 10% instead.


 53.1654, 76.8262,
72.3484

 53.1654, 76.8262,
72.3484


389.1699,
484.1712, 487.7634


 38.1628, 57.1102,
52.9548


 94.0118, 128.8941,
124.2641

 26.2869, 41.0938,
37.3792


 120.5863,
162.0149, 157.6232

 17.1722, 28.3924,
25.2031


 151.7489,
200.3727, 196.4745

 10.4534, 18.6216,
16.0081

187.8649,
244.3519, 241.2366

 5.7652, 11.3972,
9.3754

229.2996,
294.3370, 292.3280

 2.7421, 6.3347,
4.8867

276.4185,


 1.0189, 3.0496,


350.7123, 350.1672


2.1234


329.5868,
413.8623, 415.1729

 0.0000, 1.1577,
0.6296


 0.0000, 0.0267,
0.0000


 53.1654, 76.8262,
72.3484


 53.1654, 76.8262,
72.3484

 49.2719, 74.9294,
67.2701


 58.0095, 79.2116,
77.7192


 46.2493, 73.4742,
62.4721


 63.8634, 82.1100,
83.3837


 44.0149, 72.4202,
57.9487


 70.7886, 85.5552,
89.3497

 42.4662, 71.7144,
53.6915

 78.8398, 89.5753,
95.6230

 41.6668, 71.3658,
50.7838

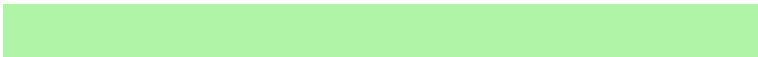
 88.0681, 94.1964,
102.2091

 93.4769, 96.8539,
108.3756

Harmonies

Analogous

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



57.3286, 76.8262, 48.4595



53.1654, 76.8262, 72.3484



53.8780, 76.8262, 106.7180

Triad

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



53.1654, 76.8262, 72.3484



80.6846, 76.8262, 159.8533



88.5916, 76.8262, 43.8479

Complementary

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



53.1654, 76.8262, 72.3484



52.1633, 35.7859, 36.9617

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.



96.2335, 76.8262, 64.1727



53.1654, 76.8262, 72.3484



91.3437, 76.8262, 132.7352

Square

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



53.1654, 76.8262, 72.3484



68.9599, 76.8262, 163.7503



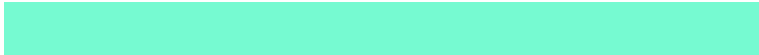
97.2910, 76.8262, 96.0727



77.2385, 76.8262, 35.1572

Rectangle

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



53.1654, 76.8262, 72.3484



57.0472, 76.8262, 131.2033



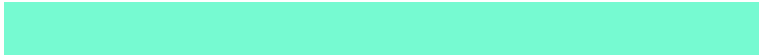
97.2910, 76.8262, 96.0727



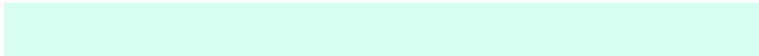
91.7287, 76.8262, 49.2493

Sweetspot

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



53.1675, 76.8293, 72.3502



79.6261, 92.2767, 97.8763



51.9152, 77.1354, 29.2931



16.6679, 19.5635, 20.6590



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.



53.1675, 76.8293, 72.3502



51.4434, 78.3308, 70.2280



51.8709, 65.0405, 100.2662



17.5228, 19.5114, 20.9538



22.1681, 37.8803, 27.2924



2.1008, 3.5274, 2.7785

Inverse Universe

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



52.1633, 35.7859, 36.9617



50.3272, 31.3491, 29.8849



52.3995, 41.0396, 22.3004



17.4666, 17.3140, 19.0471



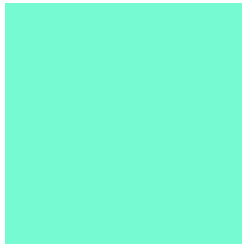
21.6914, 11.0923, 5.0832



2.0544, 1.0455, 0.7101

Previews

White Background



This preview shows how the XYZ color 53.1654, 76.8262, 72.3484 looks on a white background.

Color Contrast Check

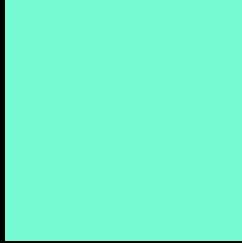
Large Text (above 18pt) WCAG AA × Fail

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 53.1654, 76.8262, 72.3484 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

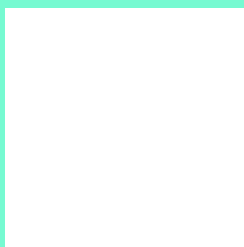
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1654, 76.8262, 72.3484

Background



This preview shows how black text looks on a background with the XYZ color 53.1654, 76.8262, 72.3484.



This preview shows how white text looks on a background with the XYZ color 53.1654, 76.8262,

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

53.1654, 76.8262, 72.3484

Protanopia

71.4811, 75.6688, 63.0626

Deuteranopia

77.2497, 75.6099, 75.4884



Tritanopia

63.2146, 76.3239, 106.0080

Trichromacy



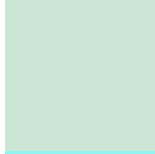
Original Color

53.1654, 76.8262, 72.3484



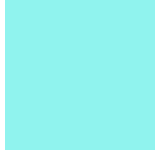
Protanomaly

61.9578, 74.4001, 66.3535



Deuteranomaly

64.9357, 74.0942, 73.8299



Tritanomaly

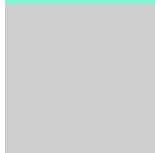
58.9848, 76.2035, 92.4888

Monochromacy



Original Color

53.1654, 76.8262, 72.3484



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.8393, 65.7462, 68.8314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1654, 76.8262, 72.3484 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(118, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(118, 250, 209)  
}
```

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(118, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 250, 209) }
```

Border

The CSS property to change the border of an element to XYZ 53.1654, 76.8262, 72.3484 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(118, 250, 209) }
```


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

```
.border{ border-color:rgb(118, 250, 209) }
```

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

Here you see how a box with a 4 pixel rgb(118, 250, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(118, 250,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1654, 76.8262, 72.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 250, 209) }
```

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

```
.background{ background-color: rgb(118,  
250, 209) }
```

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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