

# Converting Colors

XYZ(53.4867, 75.7425, 73.9268)

Have a look what the booklet for  
XYZ(53.4867, 75.7425, 73.9268)  
contains.

<b>XYZ(53.4566, 75.5601, 74.0545)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**XYZ(53.4566, 75.5601,  
74.0545)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CF7D4
RGB	124, 247, 212
RGB Percent	49%, 97%, 83%
CMY	0.5137, 0.0314, 0.1686
CMYK	0.50, 0.00, 0.14, 0.03
HSL	163°, 88%, 73%
HSV	163°, 50%, 97%
XYZ	53.4566, 75.5601, 74.0545
YIQ	206.2330, -62.0730, -36.9610

# Conversions

## Conversions Part 2

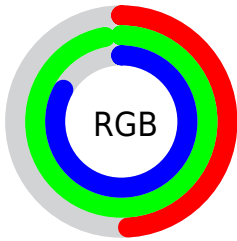
Format	Color
<a href="#">RYB</a>	<a href="#">124, 196, 247</a>
Decimal	<a href="#">8189908</a>
CIELab	<a href="#">89.65, -42.69, 6.28</a>
CIELCh	<a href="#">90, 43.146, 171.632</a>
Yxy	<a href="#">75.5601, 0.2632, 0.3721</a>
Android (android.graphics.Color)	<a href="#">4286379988 (0xFF7CF7D4)</a>
YUV	<a href="#">206.2330, 2.8431, -72.1183</a>
Hunter-Lab	<a href="#">86.9253, -42.3469, 10.3366</a>

# Details

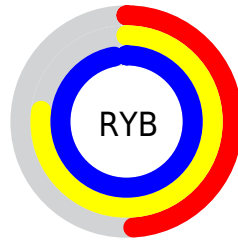
The XYZ color **53.4566, 75.5601, 74.0545** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.8259, 36.6946, 37.1548**, and the grayscale version is **58.8281, 61.8917, 67.4001**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **26.4237, 40.2533, 38.2753** is the 20% darker color. If you saturate the color by 10%, you get **49.4571, 73.6004, 69.3402**, and if you desaturate by 10%, it is **58.3929, 78.0020, 79.0175**.

# Distribution



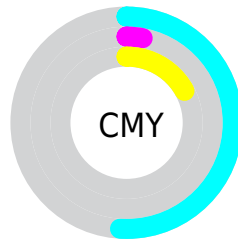
- Red (49%)
- Green (97%)
- Blue (83%)



- Red (49%)
- Yellow (77%)
- Blue (97%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)




- Cyan (51%)
- Magenta (3%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4566, 75.5601, 74.0545 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 53.4566, 75.5601, 74.0545 by changing the saturation by 10% instead.





 53.4566, 75.5601,  
74.0545


 53.4566, 75.5601,  
74.0545


390.2667,  
479.8405, 493.8299


 38.3963, 56.0719,  
54.3416


 94.4375, 127.1049,  
126.7078

 26.4690, 40.2605,  
38.4798


 121.0888,  
159.9302, 160.4853

 17.3094, 27.7417,  
26.0506


 152.3346,  
197.9701, 199.7881

 10.5520, 18.1311,  
16.6354

188.5401,  
241.6088, 245.0346

 5.8315, 11.0441,  
9.8157

230.0707,  
291.2308, 296.6436

 2.7826, 6.0965,  
5.1729

277.2917,

 1.0399, 2.9039,

347.2205, 355.0334

2.2886

330.5686,  
409.9623, 420.6226

0.0000, 1.0818,  
0.7248

0.0000, 0.0000,  
0.0000

53.4566, 75.5601,  
74.0545

53.4566, 75.5601,  
74.0545

49.4571, 73.6004,  
69.3402

58.3929, 78.0020,  
79.0175

46.3193, 72.0787,  
64.8635


64.3210, 80.9489,  
84.2293


43.9673, 70.9577,  
60.6201


71.2992, 84.4325,  
89.6967


42.3078, 70.1893,  
56.6028


79.3793, 88.4795,  
95.4246

 41.1899, 69.6960,  
52.8020

 88.6097, 93.1149,  
101.4174

 41.1694, 69.6871,  
52.7269

 92.4197, 94.9512,  
107.3702

 92.5521, 95.0042,  
108.0674

# Harmonies

## Analogous

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



56.9731, 75.5601, 51.0594



53.4566, 75.5601, 74.0545



54.4651, 75.5601, 105.7590

# Triad

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



53.4566, 75.5601, 74.0545



79.6083, 75.5601, 149.4559



85.2472, 75.5601, 44.4227

# Complementary

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



53.4566, 75.5601, 74.0545



51.8259, 36.6946, 37.1548

# 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.



92.5122, 75.5601, 62.5485



53.4566, 75.5601, 74.0545



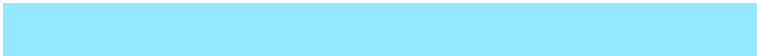
89.0397, 75.5601, 124.1539

# Square

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



53.4566, 75.5601, 74.0545



68.8878, 75.5601, 154.7197



93.9644, 75.5601, 91.0762



74.8293, 75.5601, 36.9300



# Rectangle

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



53.4566, 75.5601, 74.0545



57.6159, 75.5601, 127.5402



93.9644, 75.5601, 91.0762



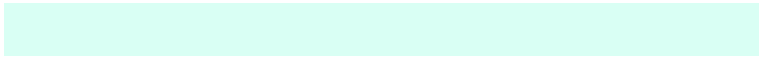
88.1800, 75.5601, 49.2259

# Sweetspot

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



53.4587, 75.5631, 74.0562



80.6476, 92.7721, 99.3359



51.5790, 75.5466, 30.9334



16.8764, 19.6640, 20.9853



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.



53.4587, 75.5631, 74.0562



53.0552, 79.0711, 74.3972



51.3306, 63.4586, 97.5425



16.7839, 18.6727, 20.1462



21.8364, 36.8794, 28.2221



1.9632, 3.2590, 2.7123



# Inverse Universe

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



51.8259, 36.6946, 37.1548



51.1439, 32.8238, 30.6466



52.6825, 42.6000, 24.5159



16.6930, 16.5600, 18.1299



20.9281, 10.7147, 4.3300

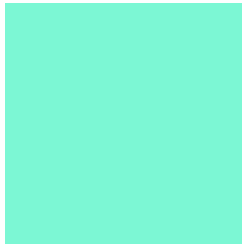


1.8817, 0.9587, 0.6035



# Previews

## White Background



This preview shows how the XYZ color 53.4566, 75.5601, 74.0545 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

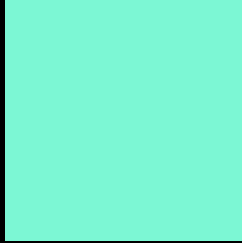
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.4566, 75.5601, 74.0545 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

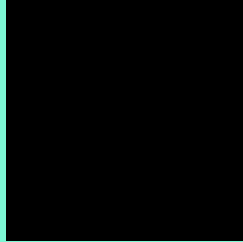
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 53.4566, 75.5601, 74.0545

## Background



This preview shows how black text looks on a background with the XYZ color 53.4566, 75.5601, 74.0545.



This preview shows how white text looks on a background with the XYZ color 53.4566, 75.5601, 74.0545.



# 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

53.4566, 75.5601, 74.0545

### Protanopia

70.6282, 74.3913, 64.6693

### Deuteranopia

75.9568, 74.5143, 77.3972



## Tritanopia

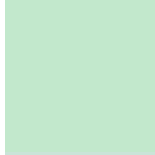
61.9510, 75.2391, 105.8652

# Trichromacy



## Original Color

53.4566, 75.5601, 74.0545



## Protanomaly

62.0038, 73.5422, 68.0539



## Deuteranomaly

64.4952, 73.0012, 75.6571



## Tritanomaly

58.3630, 74.9822, 93.0583

# Monochromacy



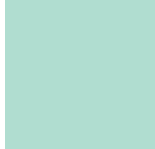
## Original Color

53.4566, 75.5601, 74.0545



## Achromatopsia

58.6655, 61.7207, 67.2138



## Achromatomaly

55.1461, 65.4971, 69.4102

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.4566, 75.5601, 74.0545 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(124, 247, 212)` looks like.

```
.text, #text, p{  
    color:rgb(124, 247, 212)  
}
```

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(124, 247, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 247, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 53.4566, 75.5601, 74.0545 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(124, 247, 212) }
```



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

```
.border{ border-color:rgb(124, 247, 212) }
```

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

Here you see how a box with a 4 pixel rgb(124, 247, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 247, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 247, 212);  
box-shadow:4px 4px 4px 4px rgb(124, 247,  
212) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.4566, 75.5601, 74.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 247, 212) }
```

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

```
.background{ background-color: rgb(124,  
247, 212) }
```

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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