

Converting Colors

XYZ(37.3376, 43.5254, 73.4512)

Have a look what the booklet for
XYZ(37.3376, 43.5254, 73.4512)
contains.

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Color

**XYZ(37.3376, 43.5254,
73.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	74B9DB
RGB	116, 185, 219
RGB Percent	45%, 73%, 86%
CMY	0.5451, 0.2745, 0.1412
CMYK	0.47, 0.16, 0.00, 0.14
HSL	200°, 59%, 66%
HSV	200°, 47%, 86%
XYZ	37.3376, 43.5254, 73.4512
YIQ	168.2450, -52.0380, -4.0540

Conversions

Conversions Part 2

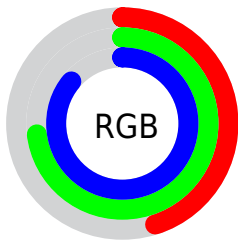
Format	Color
RYB	116, 157, 219
Decimal	7649755
CIELab	71.91, -12.73, -23.84
CIElCh	72, 27.024, 241.889
Yxy	43.5254, 0.2420, 0.2821
Android (android.graphics.Color)	4285839835 (0xFF74B9DB)
YUV	168.2450, 25.0222, -45.8189
Hunter-Lab	65.9738, -14.4328, -19.8282

Details

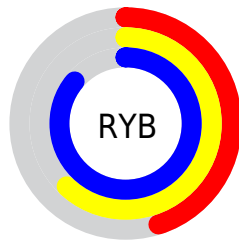
The XYZ color **37.3376, 43.5254, 73.4512** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **43.2732, 38.1349, 21.6044**, and the grayscale version is **37.2402, 39.1796, 42.6666**.

A 20% lighter version of the original color is **66.7389, 79.0148, 106.3416**, and **16.6970, 20.0824, 38.1182** is the 20% darker color. If you saturate the color by 10%, you get **33.2886, 39.2507, 72.8403**, and if you desaturate by 10%, it is **42.1524, 48.3109, 74.1219**.

Distribution



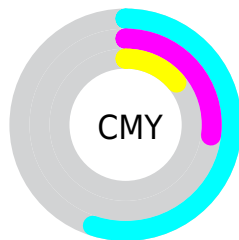
- Red (45%)
- Green (73%)
- Blue (86%)



- Red (45%)
- Yellow (62%)
- Blue (86%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (55%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3376, 43.5254, 73.4512 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 37.3376, 43.5254, 73.4512 by changing the saturation by 10% instead.

■ 37.3376, 43.5254,
73.4512

■ 37.3376, 43.5254,
73.4512

326.1000,
360.7680, 491.6898

■ 25.6439, 30.2976,
53.8509

■ 70.4022, 80.5031,
125.8444

■ 16.6887, 20.0646,
38.0901

■ 92.5037, 105.0218,
159.4744

■ 10.1067, 12.4420,
25.7503

■ 118.8053,
134.0728, 198.6180

■ 5.5326, 7.0454,
16.4128

149.6721,
168.0407, 243.6938

■ 2.6009, 3.4905,
9.6592

185.4697,
207.3098, 295.1204

■ 0.9464, 1.3929,
5.0710

226.5633,

■ 0.0000, 0.2115,

252.2644, 353.3162

2.2295

273.3183,
303.2890, 418.6998

■ 0.0000, 0.0000,
0.6913

■ 0.0000, 0.0000,
0.0000

■ 37.3376, 43.5254,
73.4512

■ 37.3376, 43.5254,
73.4512

■ 33.2886, 39.2507,
72.8403

■ 42.1524, 48.3109,
74.1219

■ 29.9512, 35.4543,
72.2834

■ 47.7742, 53.6274,
74.8518

■ 27.2702, 32.1072,
71.7787

■ 54.2459, 59.4993,
75.6441

■ 25.1794, 29.1733,
71.3226

■ 61.6061, 65.9483,
76.5010

■ 23.5927, 26.6065,
70.9107

■ 69.8910, 72.9945,
77.4244

■ 23.1752, 25.8922,
70.7949

■ 79.1345, 80.6570,
78.4162

■ 83.9085, 86.1389,
79.2227

■ 86.0276, 90.3771,
79.9290

■ 88.2319, 94.7856,
80.6638

Harmonies

Analogous

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



34.3001, 43.5254, 62.0839



37.3376, 43.5254, 73.4512



41.6620, 43.5254, 77.5101

Triad

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



37.3376, 43.5254, 73.4512



50.8615, 43.5254, 46.5612



36.8677, 43.5254, 28.9623

Complementary

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



37.3376, 43.5254, 73.4512



43.2732, 38.1349, 21.6044

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.



41.0785, 43.5254, 26.3029



37.3376, 43.5254, 73.4512



49.3492, 43.5254, 35.2222

Square

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



37.3376, 43.5254, 73.4512



49.6781, 43.5254, 60.3675



45.6819, 43.5254, 28.3648



34.0433, 43.5254, 36.4229

Rectangle

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



37.3376, 43.5254, 73.4512



44.7579, 43.5254, 75.0197



45.6819, 43.5254, 28.3648



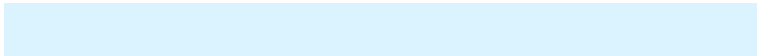
38.1568, 43.5254, 27.5469

Sweetspot

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



37.3390, 43.5270, 73.4522



79.4690, 86.5571, 107.1265



37.9294, 56.5348, 37.1882



16.5446, 18.1150, 22.8745



0.0000, 0.0000, 0.0000



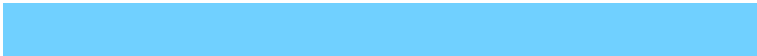
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.3390, 43.5270, 73.4522



47.2801, 55.7229, 102.8714



28.6377, 26.1244, 70.5518



13.0639, 14.0675, 16.6789



13.8457, 15.5609, 42.0122



0.9746, 1.1634, 2.7476

Inverse Universe

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



44.2170, 31.0550, 49.5643



58.4246, 37.4399, 63.7336



53.0482, 57.6848, 24.8627



13.4221, 13.1979, 15.4840



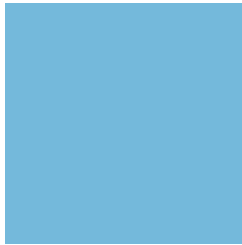
20.4840, 10.1946, 17.4607



1.3662, 0.6761, 1.3375

Previews

White Background



This preview shows how the XYZ color 37.3376, 43.5254, 73.4512 looks on a white background.

Color Contrast Check

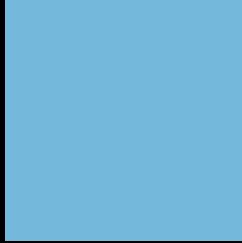
Large Text (above 18pt) WCAG AA × Fail

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 37.3376, 43.5254, 73.4512 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 37.3376, 43.5254, 73.4512

Background



This preview shows how black text looks on a background with the XYZ color 37.3376, 43.5254, 73.4512.

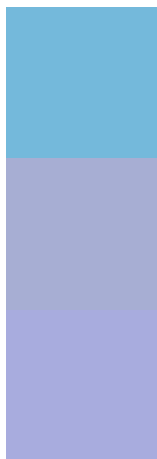


This preview shows how white text looks on a background with the XYZ color 37.3376, 43.5254,

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

37.3376, 43.5254, 73.4512

Protanopia

42.8303, 43.1907, 67.7073

Deuteranopia

44.0858, 43.1038, 75.1035



Tritanopia

35.3183, 43.6577, 63.0652

Trichromacy



Original Color

37.3376, 43.5254, 73.4512

Protanomaly

40.2707, 42.9917, 69.7941

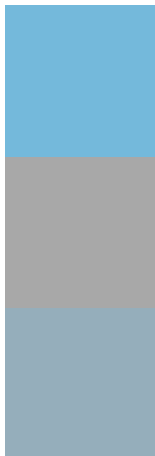
Deuteranomaly

41.1677, 43.0543, 74.5472

Tritanomaly

36.0890, 43.6548, 66.8457

Monochromacy



Original Color

37.3376, 43.5254, 73.4512

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.5001, 40.2495, 52.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3376, 43.5254, 73.4512 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(116, 185, 219)` looks like.

```
.text, #text, p{  
    color:rgb(116, 185, 219)  
}
```

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(116, 185, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 185, 219) }
```

Border

The CSS property to change the border of an element to XYZ 37.3376, 43.5254, 73.4512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

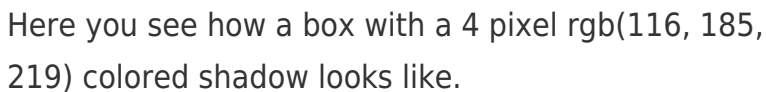
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 185, 219) }
```


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

```
.border{ border-color:rgb(116, 185, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 185, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 185, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 185, 219); box-shadow:4px 4px 4px 4px rgb(116, 185, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3376, 43.5254, 73.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 185, 219) }
```

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

```
.background{ background-color: rgb(116,  
185, 219) }
```

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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