

Converting Colors

XYZ(37.3426, 47.5533, 73.5411)

Have a look what the booklet for
XYZ(37.3426, 47.5533, 73.5411)
contains.

XYZ(37.2372, 47.3741, 73.5112)	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(37.2372, 47.3741,
73.5112)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC5DA
RGB	94, 197, 218
RGB Percent	37%, 77%, 85%
CMY	0.6313, 0.2274, 0.1451
CMYK	0.57, 0.10, 0.00, 0.15
HSL	190°, 63%, 61%
HSV	190°, 57%, 85%
XYZ	37.2372, 47.3741, 73.5112
YIQ	168.5970, -68.1290, -15.3050

Conversions

Conversions Part 2

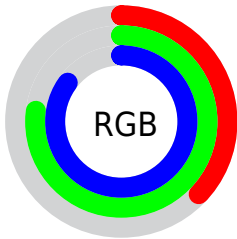
Format	Color
RYB	94, 150, 218
Decimal	6211034
CIELab	74.43, -23.92, -19.54
CIELCh	74, 30.885, 219.252
Yxy	47.3741, 0.2355, 0.2996
Android (android.graphics.Color)	4284401114 (0xFF5EC5DA)
YUV	168.5970, 24.3557, -65.4216
Hunter-Lab	68.8288, -23.8799, -15.1432

Details

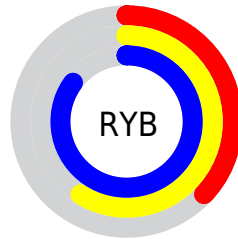
The XYZ color **37.2372, 47.3741, 73.5112** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **37.0657, 27.9763, 14.0375**, and the grayscale version is **37.4223, 39.3712, 42.8752**.

A 20% lighter version of the original color is **66.8182, 84.9736, 107.4876**, and **16.6303, 22.3908, 38.0957** is the 20% darker color. If you saturate the color by 10%, you get **34.4817, 44.7253, 73.1460**, and if you desaturate by 10%, it is **40.6473, 50.3929, 73.9150**.

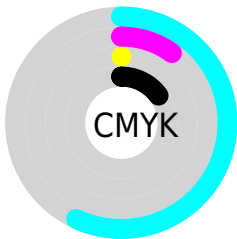
Distribution



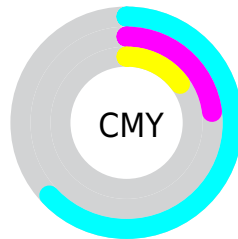
- Red (37%)
- Green (77%)
- Blue (85%)



- Red (37%)
- Yellow (59%)
- Blue (85%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2372, 47.3741, 73.5112 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 37.2372, 47.3741, 73.5112 by changing the saturation by 10% instead.

■ 37.2372, 47.3741,
73.5112

■ 37.2372, 47.3741,
73.5112

325.6741,
376.3058, 491.9028

■ 25.5657, 33.3315,
53.8997

■ 70.2489, 86.2718,
125.9303

■ 16.6300, 22.3805,
38.1288

■ 92.3199, 111.8956,
159.5750

■ 10.0647, 14.1368,
25.7801

■ 118.5880,
142.1487, 198.7344

■ 5.5045, 8.2158,
16.4349

■ 149.4187,
177.4153, 243.8273

■ 2.5840, 4.2334,
9.6748

185.1773,
218.0800, 295.2720

■ 0.9378, 1.8049,
5.0811

226.2291,

■ 0.0000, 0.4903,

264.5270, 353.4871

2.2353

272.9396,
317.1408, 418.8912

■ 0.0000, 0.0000,
0.6947

■ 0.0000, 0.0000,
0.0000

■ 37.2372, 47.3741,
73.5112

■ 37.2372, 47.3741,
73.5112

■ 34.4817, 44.7253,
73.1460

■ 40.6473, 50.3929,
73.9150

■ 32.3217, 42.4127,
72.8135

■ 44.7561, 53.8015,
74.3564

■ 30.6943, 40.4048,
72.5117

■ 49.6088, 57.6245,
74.8385

■ 29.5165, 38.6585,
72.2367

■ 55.2456, 61.8829,
75.3634

■ 29.1959, 38.1437,
72.1542

■ 61.7037, 66.5960,
75.9327

■ 69.0178, 71.7818,
76.5482

■ 77.2208, 77.4577,
77.2114

■ 81.2378, 81.0075,
77.6849

■ 82.2557, 83.0433,
78.0242

Harmonies

Analogous

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



35.2679, 47.3741, 56.6695



37.2372, 47.3741, 73.5112



41.3412, 47.3741, 85.8873

Triad

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



37.2372, 47.3741, 73.5112



55.7972, 47.3741, 63.2220



43.3286, 47.3741, 26.8565

Complementary

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



37.2372, 47.3741, 73.5112



37.0657, 27.9763, 14.0375

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.



48.9270, 47.3741, 27.8983



37.2372, 47.3741, 73.5112



56.4399, 47.3741, 46.8091

Square

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



37.2372, 47.3741, 73.5112



52.1455, 47.3741, 79.1480



53.8353, 47.3741, 34.5157



38.5890, 47.3741, 31.2995

Rectangle

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



37.2372, 47.3741, 73.5112



44.8881, 47.3741, 88.7067



53.8353, 47.3741, 34.5157



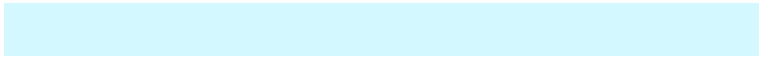
45.1676, 47.3741, 26.6009

Sweetspot

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



37.2387, 47.3759, 73.5123



78.5632, 88.0903, 107.4701



32.7641, 53.7537, 24.7695



16.4484, 18.5812, 22.9696



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.



37.2387, 47.3759, 73.5123



48.5922, 63.1904, 104.2436



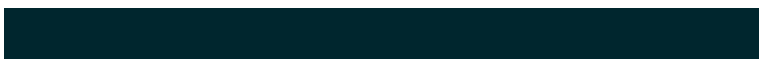
25.9829, 24.8644, 69.7604



13.2475, 14.4347, 16.7401



17.5602, 22.9898, 43.2504



1.1884, 1.5908, 2.8189

Inverse Universe

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



42.9954, 26.9434, 55.7596



57.9047, 32.7054, 74.9501



46.5914, 47.0278, 17.2127



13.5148, 13.2350, 15.9720



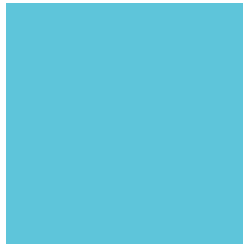
22.3589, 10.9446, 27.3337



1.4741, 0.7193, 1.9056

Previews

White Background



This preview shows how the XYZ color 37.2372, 47.3741, 73.5112 looks on a white background.

Color Contrast Check

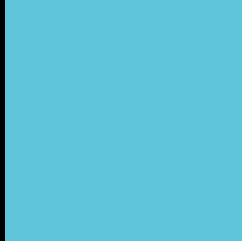
Large Text (above 18pt) WCAG AA × Fail

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 37.2372, 47.3741, 73.5112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

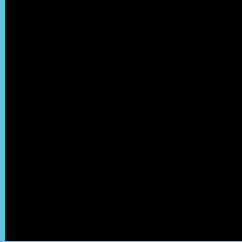
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2372, 47.3741, 73.5112

Background



This preview shows how black text looks on a background with the XYZ color 37.2372, 47.3741, 73.5112.



This preview shows how white text looks on a background with the XYZ color 37.2372, 47.3741,

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

37.2372, 47.3741, 73.5112

Protanopia

46.1465, 47.0177, 65.6746

Deuteranopia

47.6956, 46.6984, 75.6071



Tritanopia

36.7453, 47.5185, 70.8536

Trichromacy



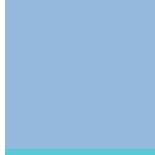
Original Color

37.2372, 47.3741, 73.5112



Protanomaly

41.5608, 46.4468, 68.4027



Deuteranomaly

42.6128, 46.2143, 75.0809



Tritanomaly

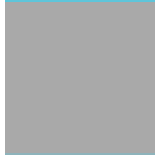
36.9740, 47.6216, 71.5331

Monochromacy



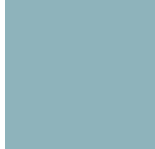
Original Color

37.2372, 47.3741, 73.5112



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

36.2451, 41.5788, 53.1289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2372, 47.3741, 73.5112 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(94, 197, 218)` looks like.

```
.text, #text, p{  
    color:rgb(94, 197, 218)  
}
```

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(94, 197, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 197, 218) }
```

Border

The CSS property to change the border of an element to XYZ 37.2372, 47.3741, 73.5112 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(94, 197, 218) }
```


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

```
.border{ border-color:rgb(94, 197, 218) }
```

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

Here you see how a box with a 4 pixel rgb(94, 197, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 197, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 197, 218);  
box-shadow:4px 4px 4px 4px rgb(94, 197,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2372, 47.3741, 73.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 197, 218) }
```

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

```
.background{ background-color: rgb(94, 197,  
218) }
```

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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