

Converting Colors

XYZ(35.3515, 46.2988, 77.5963)

Have a look what the booklet for
XYZ(35.3515, 46.2988, 77.5963)
contains.

XYZ(35.3453, 46.3064, 77.5962)	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(35.3453, 46.3064,
77.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	3DC5E0
RGB	61, 197, 224
RGB Percent	24%, 77%, 88%
CMY	0.7607, 0.2274, 0.1216
CMYK	0.73, 0.12, 0.00, 0.12
HSL	190°, 72%, 56%
HSV	190°, 73%, 88%
XYZ	35.3453, 46.3064, 77.5962
YIQ	159.4140, -89.7230, -20.4350

Conversions

Conversions Part 2

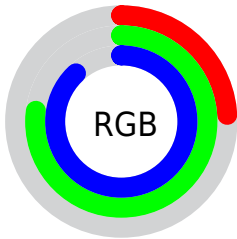
Format	Color
RYB	61, 135, 224
Decimal	4048352
CIELab	73.74, -27.27, -23.91
CIELCh	74, 36.270, 221.248
Yxy	46.3064, 0.2220, 0.2908
Android (android.graphics.Color)	4282238432 (0xFF3DC5E0)
YUV	159.4140, 31.8409, -86.3091
Hunter-Lab	68.0488, -26.3705, -19.9744

Details

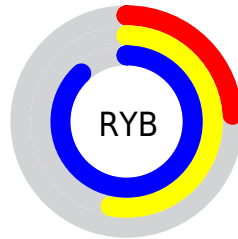
The XYZ color **35.3453, 46.3064, 77.5962** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **35.0741, 23.1658, 7.0394**, and the grayscale version is **33.0344, 34.7548, 37.8480**.

A 20% lighter version of the original color is **62.6977, 82.8494, 107.2948**, and **16.9839, 22.5095, 40.9857** is the 20% darker color. If you saturate the color by 10%, you get **33.4114, 44.0749, 77.2683**, and if you desaturate by 10%, it is **37.8783, 48.8794, 77.9602**.

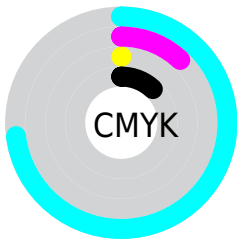
Distribution



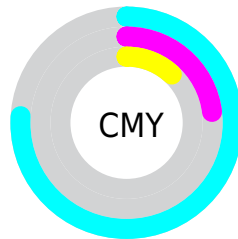
- Red (24%)
- Green (77%)
- Blue (88%)



- Red (24%)
- Yellow (53%)
- Blue (88%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (76%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3453, 46.3064, 77.5962 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 35.3453, 46.3064, 77.5962 by changing the saturation by 10% instead.

35.3453, 46.3064,
77.5962

35.3453, 46.3064,
77.5962

317.5712,
372.0391, 506.2859

24.0967, 32.4877,
57.2279

67.3509, 84.6774,
131.7614

15.5305, 21.7343,
40.7776

88.8386, 109.9984,
166.3954

9.2813, 13.6618,
27.8270

114.4700,
139.9223, 206.6216

4.9837, 7.8858,
17.9574

144.6106,
174.8335, 252.8587

2.2724, 4.0220,
10.7503

179.6257,
215.1164, 305.5251

0.7805, 1.6859,
5.7871

219.8806,

0.0000, 0.4145,

261.1554, 365.0394

2.6494

265.7406,
313.3348, 431.8202

■ 0.0000, 0.0000,
0.9178

■ 0.0000, 0.0000,
0.0000

■ 35.3453, 46.3064,
77.5962

■ 35.3453, 46.3064,
77.5962

■ 33.4114, 44.0749,
77.2683

■ 37.8783, 48.8794,
77.9602

■ 31.9950, 42.1399,
76.9694

■ 41.0700, 51.8220,
78.3600

■ 31.2030, 40.8785,
76.7677

■ 44.9774, 55.1648,
78.7993

■ 49.6501, 58.9336,
79.2804

■ 55.1332, 63.1517,
79.8056

■ 61.4681, 67.8409,
80.3768

■ 68.6936, 73.0212,
80.9959

■ 76.8458, 78.7115,
81.6646

■ 83.1022, 83.4569,
82.2508

Harmonies

Analogous

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



32.9527, 46.3064, 57.6570



35.3453, 46.3064, 77.5962



40.1517, 46.3064, 91.9981

Triad

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



35.3453, 46.3064, 77.5962



56.8078, 46.3064, 62.6985



41.6418, 46.3064, 23.0267

Complementary

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



35.3453, 46.3064, 77.5962



35.0741, 23.1658, 7.0394

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.



48.1139, 46.3064, 23.7463



35.3453, 46.3064, 77.5962



57.3063, 46.3064, 43.8151

Square

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



35.3453, 46.3064, 77.5962



52.6905, 46.3064, 82.0525



53.9928, 46.3064, 30.4694



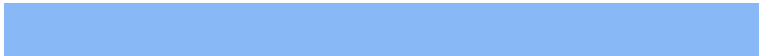
36.3444, 46.3064, 28.1838

Rectangle

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



35.3453, 46.3064, 77.5962



44.2831, 46.3064, 94.8243



53.9928, 46.3064, 30.4694



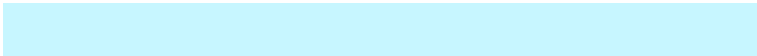
43.7437, 46.3064, 22.6301

Sweetspot

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



35.3468, 46.3081, 77.5973



74.4434, 85.0820, 107.1066



30.2393, 54.9677, 17.7066



15.4761, 17.8648, 22.8825



0.0000, 0.0000, 0.0000



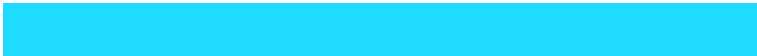
20.3446, 21.4041, 23.3091

Same Dimension

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



35.3468, 46.3081, 77.5973



43.8186, 57.8190, 103.4584



21.8652, 19.3450, 73.1035



13.9132, 15.1655, 17.5816



18.2349, 23.9393, 44.7080



1.3160, 1.7635, 3.1163

Inverse Universe

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



42.4886, 23.2176, 55.0670



54.4758, 27.4312, 68.9257



45.3940, 43.8055, 10.4794



14.1924, 13.8946, 16.7834



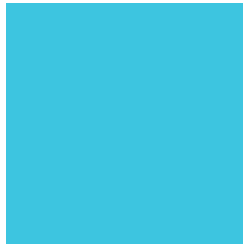
23.1443, 11.3247, 28.4894



1.6305, 0.7955, 2.1131

Previews

White Background



This preview shows how the XYZ color 35.3453, 46.3064, 77.5962 looks on a white background.

Color Contrast Check

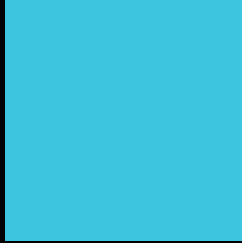
Large Text (above 18pt) WCAG AA × Fail

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 35.3453, 46.3064, 77.5962 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

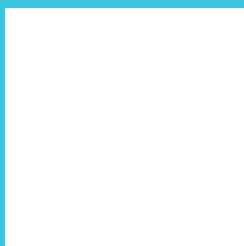
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3453, 46.3064, 77.5962

Background



This preview shows how black text looks on a background with the XYZ color 35.3453, 46.3064, 77.5962.

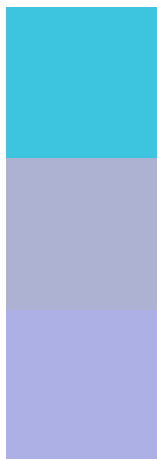


This preview shows how white text looks on a background with the XYZ color 35.3453, 46.3064,

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

35.3453, 46.3064, 77.5962

Protanopia

44.9118, 45.4282, 68.0294

Deuteranopia

46.6814, 45.4785, 80.4466



Tritanopia

34.2105, 46.5374, 71.4695

Trichromacy



Original Color

35.3453, 46.3064, 77.5962

Protanomaly

39.2594, 44.5613, 71.4978

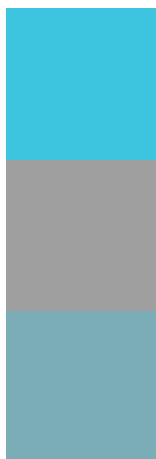
Deuteranomaly

40.5213, 44.7326, 79.1716

Tritanomaly

34.5363, 46.3200, 73.4501

Monochromacy



Original Color

35.3453, 46.3064, 77.5962

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.6592, 37.5170, 50.3726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3453, 46.3064, 77.5962 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(61, 197, 224)` looks like.

```
.text, #text, p{  
    color:rgb(61, 197, 224)  
}
```

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(61, 197, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 197, 224) }
```

Border

The CSS property to change the border of an element to XYZ 35.3453, 46.3064, 77.5962 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(61, 197, 224) }
```


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

```
.border{ border-color:rgb(61, 197, 224) }
```

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

Here you see how a box with a 4 pixel rgb(61, 197, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 197, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 197, 224);  
box-shadow:4px 4px 4px 4px rgb(61, 197,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3453, 46.3064, 77.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 197, 224) }
```

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

```
.background{ background-color: rgb(61, 197,  
224) }
```

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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