

Converting Colors

XYZ(35.6879, 40.6552, 65.6265)

Have a look what the booklet for
XYZ(35.6879, 40.6552, 65.6265)
contains.

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Color

**XYZ(35.7630, 40.7548,
65.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB2D0
RGB	125, 178, 208
RGB Percent	49%, 70%, 82%
CMY	0.5098, 0.3019, 0.1843
CMYK	0.40, 0.14, 0.00, 0.18
HSL	202°, 47%, 65%
HSV	202°, 40%, 82%
XYZ	35.7630, 40.7548, 65.6561
YIQ	165.5730, -41.2180, -1.9060

Conversions

Conversions Part 2

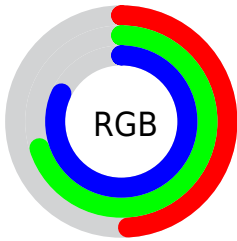
Format	Color
R _Y B	125, 157, 208
Decimal	8237776
CIE Lab	70.00, -9.74, -20.68
CIE LCh	70, 22.862, 244.789
Yxy	40.7548, 0.2515, 0.2867
Android (android.graphics.Color)	4286427856 (0xFF7DB2D0)
YUV	165.5730, 20.9165, -35.5825
Hunter-Lab	63.8395, -11.7231, -16.2895

Details

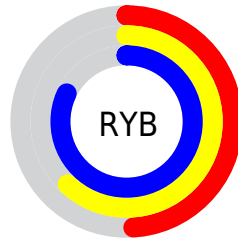
The XYZ color **35.7630, 40.7548, 65.6561** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **41.4363, 38.3341, 24.6186**, and the grayscale version is **35.9572, 37.8298, 41.1967**.

A 20% lighter version of the original color is **66.2952, 75.7689, 105.7385**, and **15.7649, 18.3399, 33.2809** is the 20% darker color. If you saturate the color by 10%, you get **31.5837, 36.4411, 65.0445**, and if you desaturate by 10%, it is **40.6627, 45.5634, 66.3267**.

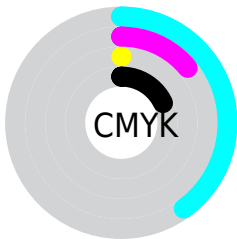
Distribution



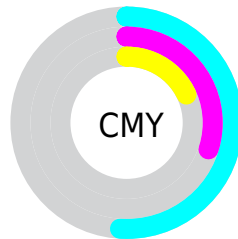
- Red (49%)
- Green (70%)
- Blue (82%)



- Red (49%)
- Yellow (62%)
- Blue (82%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7630, 40.7548, 65.6561 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 35.7630, 40.7548, 65.6561 by changing the saturation by 10% instead.

■ 35.7630, 40.7548,
65.6561

■ 35.7630, 40.7548,
65.6561

319.3728,
349.2948, 463.5166

■ 24.4205, 28.1275,
47.5386

■ 67.9924, 76.3115,
114.6149

■ 15.7722, 18.4218,
33.1042

■ 89.6099, 100.0098,
146.2932

■ 9.4530, 11.2533,
21.9345

■ 115.3832,
128.1672, 183.3289

■ 5.0973, 6.2374,
13.6109

145.6775,
161.1681, 226.1405

■ 2.3398, 2.9900,
7.7149

180.8583,
199.3969, 275.1465

■ 0.8149, 1.1265,
3.8279

221.2909,

■ 0.0000, 0.0004,

243.2380, 330.7655

1.5314

267.3406,
293.0758, 393.4160

■ 0.0000, 0.0000,
0.2412

■ 0.0000, 0.0000,
0.0000

■ 35.7630, 40.7548,
65.6561

■ 35.7630, 40.7548,
65.6561

■ 31.5837, 36.4411,
65.0445

■ 40.6627, 45.5634,
66.3267

■ 28.0797, 32.5943,
64.4866

■ 46.3166, 50.8836,
67.0556

■ 25.2062, 29.1904,
63.9811

■ 52.7613, 56.7368,
67.8458

■ 22.9113, 26.2006,
63.5249

■ 60.0292, 63.1417,
68.6990

■ 21.1333, 23.5909,
63.1149

■ 68.1513, 70.1160,
69.6170

■ 19.7611, 21.3020,
62.7454

■ 77.1567, 77.6763,
70.6017

■ 19.7486, 21.2806,
62.7420

■ 81.0973, 82.7580,
71.3749

■ 83.2424, 87.0483,
72.0899

■ 85.4789, 91.5214,
72.8354

Harmonies

Analogous

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



33.1435, 40.7548, 57.1463



35.7630, 40.7548, 65.6561



39.3377, 40.7548, 68.1321

Triad

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



35.7630, 40.7548, 65.6561



46.3259, 40.7548, 42.6833



34.7893, 40.7548, 29.5629

Complementary

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



35.7630, 40.7548, 65.6561



41.4363, 38.3341, 24.6186

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.



38.1409, 40.7548, 26.9030



35.7630, 40.7548, 65.6561



44.9252, 40.7548, 33.6642

Square

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



35.7630, 40.7548, 65.6561



45.5889, 40.7548, 53.7045



41.8698, 40.7548, 28.2749



32.6071, 40.7548, 36.1939

Rectangle

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



35.7630, 40.7548, 65.6561



41.8195, 40.7548, 65.7390



41.8698, 40.7548, 28.2749



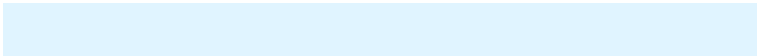
35.8083, 40.7548, 28.2276

Sweetspot

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



35.7643, 40.7564, 65.6571



81.2473, 87.7966, 107.2720



36.8513, 51.8074, 38.6525



17.0936, 18.5245, 22.9246



0.0000, 0.0000, 0.0000



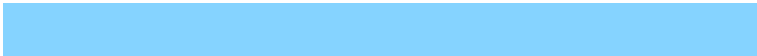
20.3446, 21.4041, 23.3091

Same Dimension

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



35.7643, 40.7564, 65.6571



50.8946, 58.6436, 103.2447



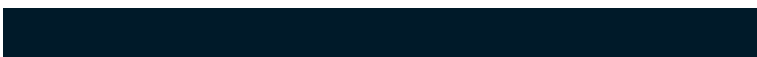
28.8535, 26.9348, 63.3535



11.7841, 12.6584, 15.0659



12.4028, 13.4521, 39.1353



0.7673, 0.8999, 2.2128

Inverse Universe

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



41.3830, 31.2927, 45.9801



61.3007, 42.6169, 66.4657



49.3536, 54.1687, 27.2576



12.1219, 11.9335, 13.9177



18.8911, 9.4293, 14.8645



1.0935, 0.5421, 1.0274

Previews

White Background



This preview shows how the XYZ color 35.7630, 40.7548, 65.6561 looks on a white background.

Color Contrast Check

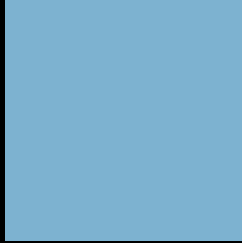
Large Text (above 18pt) WCAG AA × Fail

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 35.7630, 40.7548, 65.6561 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 35.7630, 40.7548, 65.6561

Background



This preview shows how black text looks on a background with the XYZ color 35.7630, 40.7548, 65.6561.



This preview shows how white text looks on a background with the XYZ color 35.7630, 40.7548,

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

35.7630, 40.7548, 65.6561

Protanopia

40.1585, 40.5327, 61.5841

Deuteranopia

41.3879, 40.5061, 66.6098



Tritanopia

34.0567, 40.6476, 57.6805

Trichromacy



Original Color

35.7630, 40.7548, 65.6561

Protanomaly

38.2293, 40.3487, 62.8999

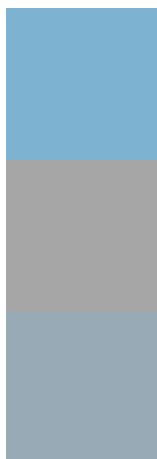
Deuteranomaly

39.0204, 40.4047, 66.0639

Tritanomaly

34.5715, 40.5479, 60.6480

Monochromacy



Original Color

35.7630, 40.7548, 65.6561

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.4777, 38.6650, 49.3093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7630, 40.7548, 65.6561 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(125, 178, 208)` looks like.

```
.text, #text, p{  
    color:rgb(125, 178, 208)  
}
```

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(125, 178, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 178, 208) }
```

Border

The CSS property to change the border of an element to XYZ 35.7630, 40.7548, 65.6561 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(125, 178, 208) }
```


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

```
.border{ border-color:rgb(125, 178, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 178, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 178, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 178, 208);  
box-shadow:4px 4px 4px 4px rgb(125, 178,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7630, 40.7548, 65.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 178, 208) }
```

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

```
.background{ background-color: rgb(125,  
178, 208) }
```

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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