

Converting Colors

XYZ(35.7095, 41.7962, 61.5794)

Have a look what the booklet for
XYZ(35.7095, 41.7962, 61.5794)
contains.

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Color

**XYZ(35.6707, 41.7004,
61.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB5C9
RGB	126, 181, 201
RGB Percent	49%, 71%, 79%
CMY	0.5059, 0.2902, 0.2118
CMYK	0.37, 0.10, 0.00, 0.21
HSL	196°, 41%, 64%
HSV	196°, 37%, 79%
XYZ	35.6707, 41.7004, 61.4273
YIQ	166.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

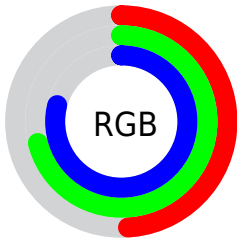
Format	Color
R_{YB}	126, 158, 201
Decimal	8304073
CIE _{Lab}	70.66, -12.89, -15.84
CIE _{LCh}	71, 20.423, 230.850
Yxy	41.7004, 0.2570, 0.3004
Android (android.graphics.Color)	4286494153 (0xFF7EB5C9)
YUV	166.8350, 16.8433, -35.8123
Hunter-Lab	64.5758, -14.4071, -11.1961

Details

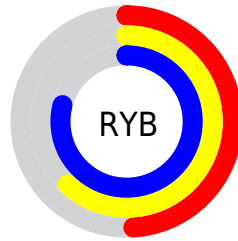
The XYZ color **35.6707, 41.7004, 61.4273** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1330, 34.4824, 24.3858**, and the grayscale version is **36.5857, 38.4910, 41.9167**.

A 20% lighter version of the original color is **67.3902, 77.6121, 106.0365**, and **15.7333, 18.9614, 30.4344** is the 20% darker color. If you saturate the color by 10%, you get **31.9307, 38.1864, 60.9469**, and if you desaturate by 10%, it is **40.0507, 45.6085, 61.9515**.

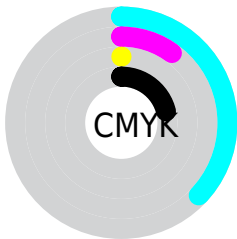
Distribution



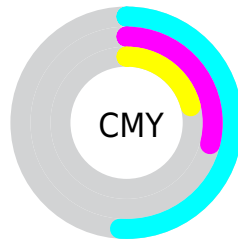
- Red (49%)
- Green (71%)
- Blue (79%)



- Red (49%)
- Yellow (62%)
- Blue (79%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6707, 41.7004, 61.4273 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 35.6707, 41.7004, 61.4273 by changing the saturation by 10% instead.

■ 35.6707, 41.7004,
61.4273

■ 35.6707, 41.7004,
61.4273

318.9753,
353.2395, 447.7888

■ 24.3489, 28.8668,
44.1373

■ 67.8507, 77.7460,
108.4609

■ 15.7188, 18.9801,
30.4405

■ 89.4396, 101.7267,
139.0417

■ 9.4150, 11.6559,
19.9183

■ 115.1816,
130.1920, 174.8897

■ 5.0721, 6.5098,
12.1522

145.4421,
163.5261, 216.4237

■ 2.3248, 3.1575,
6.7236

180.5863,
202.1135, 264.0620

■ 0.8073, 1.2145,
3.2140

220.9797,

■ 0.0000, 0.0735,

246.3387, 318.2233

1.2049

266.9876,
296.5858, 379.3260

■ 0.0000, 0.0000,
0.0000

■ 35.6707, 41.7004,
61.4273

■ 35.6707, 41.7004,
61.4273

■ 31.9307, 38.1864,
60.9469

■ 40.0507, 45.6085,
61.9515

■ 28.7904, 35.0422,
60.5055

■ 45.1002, 49.9237,
62.5183

■ 26.2110, 32.2480,
60.1021

■ 50.8513, 54.6642,
63.1302

■ 24.1471, 29.7796,
59.7344

■ 57.3330, 59.8455,
63.7887

■ 22.5456, 27.6091,
59.3999

■ 64.5727, 65.4825,
64.4951

■ 21.3333, 25.6979,
59.0949

■ 72.5959, 71.5890,
65.2509

■ 21.0395, 25.2106,
59.0163

■ 76.9895, 75.8905,
65.8496

■ 78.4063, 78.7242,
66.3219

■ 79.8686, 81.6488,
66.8094

Harmonies

Analogous

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



33.8649, 41.7004, 52.3589



35.6707, 41.7004, 61.4273



38.6102, 41.7004, 66.3777

Triad

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



35.6707, 41.7004, 61.4273



46.4058, 41.7004, 48.4300



37.3659, 41.7004, 30.1336

Complementary

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



35.6707, 41.7004, 61.4273



38.1330, 34.4824, 24.3858

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.



40.6777, 41.7004, 29.3924



35.6707, 41.7004, 61.4273



46.0258, 41.7004, 39.0952

Square

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



35.6707, 41.7004, 61.4273



44.8931, 41.7004, 58.2026



43.8826, 41.7004, 32.4428



34.8043, 41.7004, 34.6353

Rectangle

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



35.6707, 41.7004, 61.4273



40.8713, 41.7004, 66.2542



43.8826, 41.7004, 32.4428



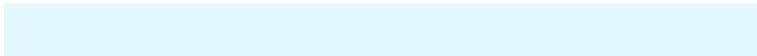
38.4238, 41.7004, 29.4642

Sweetspot

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



35.6720, 41.7020, 61.4283



83.1329, 90.3831, 107.6718



34.5834, 48.2465, 34.1781



17.5025, 19.1059, 23.0153



0.0000, 0.0000, 0.0000



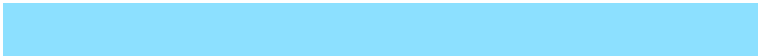
20.3446, 21.4041, 23.3091

Same Dimension

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



35.6720, 41.7020, 61.4283



55.6712, 66.3449, 104.4794



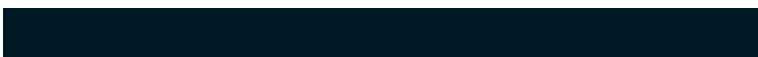
29.2352, 28.8284, 59.2827



10.6982, 11.5705, 13.5870



13.3072, 16.0083, 37.1329



0.6873, 0.8724, 1.7773

Inverse Universe

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



39.8898, 30.6766, 47.5365



64.1638, 45.4930, 76.2064



44.6334, 47.4833, 26.5526



10.9577, 10.7665, 12.7606



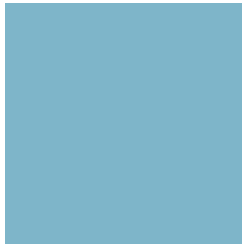
18.5162, 9.1560, 18.4599



0.9056, 0.4451, 1.0261

Previews

White Background



This preview shows how the XYZ color 35.6707, 41.7004, 61.4273 looks on a white background.

Color Contrast Check

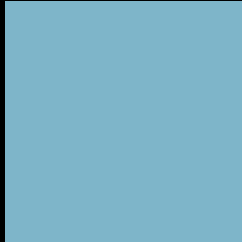
Large Text (above 18pt) WCAG AA × Fail

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 35.6707, 41.7004, 61.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

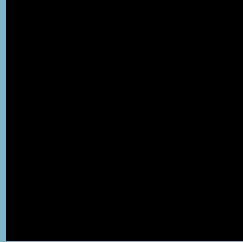
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6707, 41.7004, 61.4273

Background



This preview shows how black text looks on a background with the XYZ color 35.6707, 41.7004, 61.4273.



This preview shows how white text looks on a background with the XYZ color 35.6707, 41.7004,

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

35.6707, 41.7004, 61.4273

Protanopia

40.6627, 41.4559, 56.8976

Deuteranopia

42.3573, 41.3636, 62.8782



Tritanopia

35.1492, 41.8014, 58.4405

Trichromacy



Original Color

35.6707, 41.7004, 61.4273

Protanomaly

38.5449, 41.4635, 58.7950

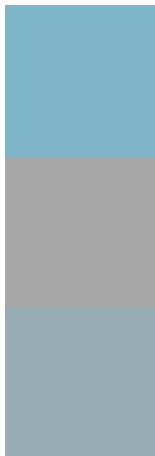
Deuteranomaly

39.6277, 41.3670, 62.3959

Tritanomaly

35.3784, 41.8931, 59.6476

Monochromacy



Original Color

35.6707, 41.7004, 61.4273

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.8381, 39.4351, 48.3707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6707, 41.7004, 61.4273 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(126, 181, 201)` looks like.

```
.text, #text, p{  
    color:rgb(126, 181, 201)  
}
```

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(126, 181, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 181, 201) }
```

Border

The CSS property to change the border of an element to XYZ 35.6707, 41.7004, 61.4273 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(126, 181, 201) }
```


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

```
.border{ border-color:rgb(126, 181, 201) }
```

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

Here you see how a box with a 4 pixel rgb(126, 181, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(126, 181,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6707, 41.7004, 61.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 181, 201) }
```

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

```
.background{ background-color: rgb(126,  
181, 201) }
```

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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