

Converting Colors

XYZ(35.2498, 40.7494, 64.6731)

Have a look what the booklet for
XYZ(35.2498, 40.7494, 64.6731)
contains.

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Color

**XYZ(35.2867, 40.8340,
64.4145)**

Conversions

Conversions Part 1

Format	Color
Hex	7AB3CE
RGB	122, 179, 206
RGB Percent	48%, 70%, 81%
CMY	0.5216, 0.2980, 0.1922
CMYK	0.41, 0.13, 0.00, 0.19
HSL	199°, 46%, 64%
HSV	199°, 41%, 81%
XYZ	35.2867, 40.8340, 64.4145
YIQ	165.0350, -42.6390, -3.6870

Conversions

Conversions Part 2

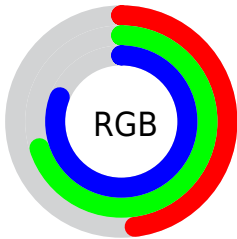
Format	Color
RYB	122, 156, 206
Decimal	8041422
CIELab	70.06, -11.59, -19.52
CIELCh	70, 22.697, 239.301
Yxy	40.8340, 0.2511, 0.2906
Android (android.graphics.Color)	4286231502 (0xFF7AB3CE)
YUV	165.0350, 20.1957, -37.7417
Hunter-Lab	63.9015, -13.2591, -15.0350

Details

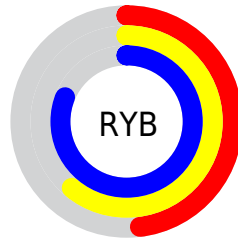
The XYZ color **35.2867, 40.8340, 64.4145** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **39.7147, 36.0226, 23.2734**, and the grayscale version is **35.7029, 37.5622, 40.9052**.

A 20% lighter version of the original color is **65.8898, 75.9838, 105.8013**, and **15.5122, 18.4177, 32.4431** is the 20% darker color. If you saturate the color by 10%, you get **31.3782, 36.8970, 63.8613**, and if you desaturate by 10%, it is **39.8798, 45.2203, 65.0198**.

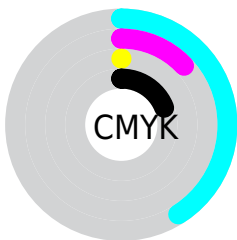
Distribution



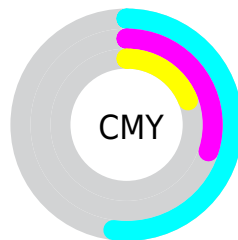
- Red (48%)
- Green (70%)
- Blue (81%)



- Red (48%)
- Yellow (61%)
- Blue (81%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2867, 40.8340, 64.4145 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 35.2867, 40.8340, 64.4145 by changing the saturation by 10% instead.

■ 35.2867, 40.8340,
64.4145

■ 35.2867, 40.8340,
64.4145

317.3179,
349.6263, 458.9334

■ 24.0514, 28.1894,
46.5381

■ 67.2608, 76.4318,
112.8129

■ 15.4967, 18.4685,
32.3190

■ 88.7302, 100.1539,
144.1720

■ 9.2573, 11.2869,
21.3384

■ 114.3417,
128.3371, 180.8624

■ 4.9678, 6.2601,
13.1779

144.4607,
161.3661, 223.3027

■ 2.2630, 3.0039,
7.4190

179.4524,
199.6251, 271.9114

■ 0.7756, 1.1338,
3.6431

219.6823,

■ 0.0000, 0.0066,

243.4985, 327.1071

1.4317

265.5157,
293.3708, 389.3082

■ 0.0000, 0.0000,
0.1662

■ 0.0000, 0.0000,
0.0000

■ 35.2867, 40.8340,
64.4145

■ 35.2867, 40.8340,
64.4145

■ 31.3782, 36.8970,
63.8613

■ 39.8798, 45.2203,
65.0198

■ 28.1100, 33.3825,
63.3552

■ 45.1903, 50.0715,
65.6763

■ 25.4387, 30.2676,
62.8948

■ 51.2537, 55.4079,
66.3867

■ 23.3130, 27.5246,
62.4773

■ 58.1016, 61.2472,
67.1529

■ 21.6724, 25.1209,
62.0998

■ 65.7641, 67.6060,
67.9764

■ 20.4881, 23.1510,
61.7820

■ 74.2692, 74.5000,
68.8588

■ 79.4010, 79.7569,
69.6030

■ 81.2296, 83.4140,
70.2125

■ 83.1284, 87.2116,
70.8455

Harmonies

Analogous

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



32.9242, 40.8340, 55.2130



35.2867, 40.8340, 64.4145



38.7246, 40.8340, 68.1434

Triad

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



35.2867, 40.8340, 64.4145



46.3801, 40.8340, 44.7107



35.4282, 40.8340, 28.9360

Complementary

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



35.2867, 40.8340, 64.4145



39.7147, 36.0226, 23.2734

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.



38.8985, 40.8340, 27.0206



35.2867, 40.8340, 64.4145



45.3618, 40.8340, 35.2047

Square

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



35.2867, 40.8340, 64.4145



45.2654, 40.8340, 55.7127



42.5635, 40.8340, 29.1234



33.0022, 40.8340, 34.8369

Rectangle

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



35.2867, 40.8340, 64.4145



41.2143, 40.8340, 66.6323



42.5635, 40.8340, 29.1234



36.5040, 40.8340, 27.8507

Sweetspot

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



35.2880, 40.8356, 64.4155



81.6169, 88.5358, 107.3952



35.4913, 50.4383, 36.1328



17.1808, 18.6988, 22.9537



0.0000, 0.0000, 0.0000



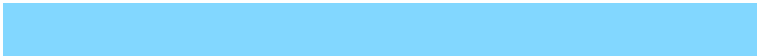
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2880, 40.8356, 64.4155



51.5231, 60.4888, 103.5677



28.1703, 26.6003, 62.0429



11.2275, 12.0953, 14.3133



12.7068, 14.4376, 38.0733



0.7223, 0.8784, 1.9864

Inverse Universe

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



40.5509, 30.2967, 46.3601



61.4744, 42.1366, 69.0749



47.5110, 51.6153, 25.8721



11.5282, 11.3400, 13.3159



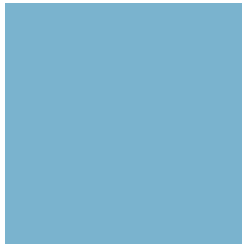
18.6247, 9.2605, 16.2743



0.9945, 0.4912, 1.0171

Previews

White Background



This preview shows how the XYZ color 35.2867, 40.8340, 64.4145 looks on a white background.

Color Contrast Check

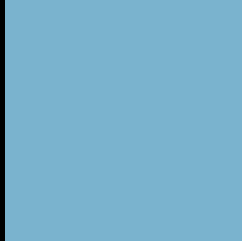
Large Text (above 18pt) WCAG AA × Fail

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 35.2867, 40.8340, 64.4145 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

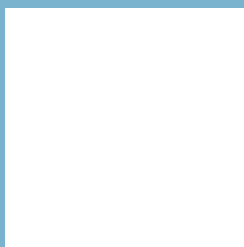
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2867, 40.8340, 64.4145

Background



This preview shows how black text looks on a background with the XYZ color 35.2867, 40.8340, 64.4145.



This preview shows how white text looks on a background with the XYZ color 35.2867, 40.8340,

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

35.2867, 40.8340, 64.4145

Protanopia

40.0138, 40.4988, 59.7409

Deuteranopia

41.4758, 40.5657, 65.9656



Tritanopia

33.9819, 40.9098, 57.7351

Trichromacy



Original Color

35.2867, 40.8340, 64.4145

Protanomaly

37.9987, 40.5410, 61.6996

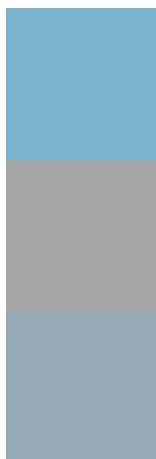
Deuteranomaly

38.7106, 40.2592, 65.4050

Tritanomaly

34.3758, 40.7591, 60.0883

Monochromacy



Original Color

35.2867, 40.8340, 64.4145

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.0074, 38.4343, 48.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2867, 40.8340, 64.4145 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(122, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(122, 179, 206)  
}
```

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(122, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 179, 206) }
```

Border

The CSS property to change the border of an element to XYZ 35.2867, 40.8340, 64.4145 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(122, 179, 206) }
```


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

```
.border{ border-color:rgb(122, 179, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 179, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 179, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 179, 206);  
box-shadow:4px 4px 4px 4px rgb(122, 179,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2867, 40.8340, 64.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 179, 206) }
```

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

```
.background{ background-color: rgb(122,  
179, 206) }
```

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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