

Converting Colors

XYZ(35.3426, 41.5679, 64.5731)

Have a look what the booklet for
XYZ(35.3426, 41.5679, 64.5731)
contains.

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Color

**XYZ(35.2722, 41.4259,
64.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	77B5CE
RGB	119, 181, 206
RGB Percent	47%, 71%, 81%
CMY	0.5333, 0.2902, 0.1922
CMYK	0.42, 0.12, 0.00, 0.19
HSL	197°, 47%, 64%
HSV	197°, 42%, 81%
XYZ	35.2722, 41.4259, 64.5295
YIQ	165.3120, -44.9770, -5.3690

Conversions

Conversions Part 2

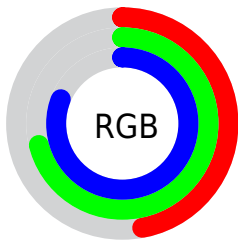
Format	Color
R_{YB}	119, 155, 206
Decimal	7845326
CIE _{Lab}	70.47, -13.42, -18.90
CIE _{LCh}	70, 23.183, 234.626
Yxy	41.4259, 0.2498, 0.2933
Android (android.graphics.Color)	4286035406 (0xFF77B5CE)
YUV	165.3120, 20.0592, -40.6156
Hunter-Lab	64.3630, -14.8136, -14.3893

Details

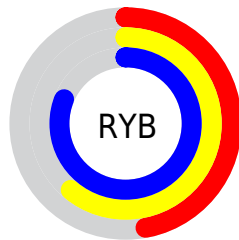
The XYZ color **35.2722, 41.4259, 64.5295** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7575, 34.4011, 22.0513**, and the grayscale version is **35.8372, 37.7035, 41.0591**.

A 20% lighter version of the original color is **66.0134, 76.9023, 105.9721**, and **15.5010, 18.7953, 32.5166** is the 20% darker color. If you saturate the color by 10%, you get **31.5677, 37.7680, 64.0194**, and if you desaturate by 10%, it is **39.6432, 45.5051, 65.0872**.

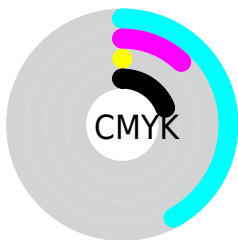
Distribution



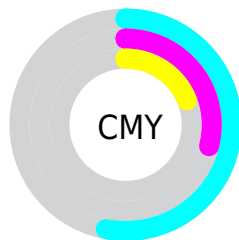
- Red (47%)
- Green (71%)
- Blue (81%)



- Red (47%)
- Yellow (61%)
- Blue (81%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2722, 41.4259, 64.5295 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 35.2722, 41.4259, 64.5295 by changing the saturation by 10% instead.

■ 35.2722, 41.4259,
64.5295

■ 35.2722, 41.4259,
64.5295

317.2552,
352.0975, 459.3591

■ 24.0401, 28.6520,
46.6307

■ 67.2385, 77.3300,
112.9799

■ 15.4883, 18.8177,
32.3916

■ 88.7034, 101.2290,
144.3687

■ 9.2513, 11.5387,
21.3935

■ 114.3100,
129.6052, 181.0912

■ 4.9639, 6.4304,
13.2179

144.4236,
162.8430, 223.5661

■ 2.2606, 3.1085,
7.4463

179.4095,
201.3267, 272.2117

■ 0.7744, 1.1886,
3.6601

219.6332,

■ 0.0000, 0.0524,

245.4407, 327.4468

1.4408

265.4600,
295.5696, 389.6897

■ 0.0000, 0.0000,
0.1732

■ 0.0000, 0.0000,
0.0000

■ 35.2722, 41.4259,
64.5295

■ 35.2722, 41.4259,
64.5295

■ 31.5677, 37.7680,
64.0194

■ 39.6432, 45.5051,
65.0872

■ 28.4851, 34.5049,
63.5521

■ 44.7138, 50.0209,
65.6916

■ 25.9805, 31.6137,
63.1260

■ 50.5194, 54.9933,
66.3454

■ 24.0017, 29.0666,
62.7387

■ 57.0919, 60.4398,
67.0503

■ 22.4866, 26.8308,
62.3870

■ 64.4612, 66.3764,
67.8077

■ 21.5446, 25.2641,
62.1342

■ 72.6556, 72.8188,
68.6193

■ 78.6186, 78.1920,
69.3422

■ 80.2226, 81.4000,
69.8769

■ 81.8824, 84.7197,
70.4302

Harmonies

Analogous

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



33.0659, 41.4259, 54.4537



35.2722, 41.4259, 64.5295



38.6900, 41.4259, 69.4645

Triad

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



35.2722, 41.4259, 64.5295



47.1510, 41.4259, 47.1052



36.3913, 41.4259, 28.5549

Complementary

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



35.2722, 41.4259, 64.5295



38.7575, 34.4011, 22.0513

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.



40.0662, 41.4259, 27.2330



35.2722, 41.4259, 64.5295



46.4375, 41.4259, 36.8939

Square

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



35.2722, 41.4259, 64.5295



45.6736, 41.4259, 58.4159



43.7822, 41.4259, 30.0325



33.6822, 41.4259, 33.9885

Rectangle

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



35.2722, 41.4259, 64.5295



41.2585, 41.4259, 68.6815



43.7822, 41.4259, 30.0325



37.5479, 41.4259, 27.6562

Sweetspot

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



35.2735, 41.4275, 64.5305



80.9244, 88.3182, 107.3897



34.6874, 50.0684, 34.0827



16.8541, 18.5078, 22.9340



0.0000, 0.0000, 0.0000



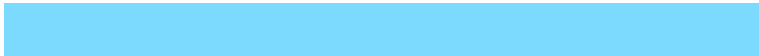
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2735, 41.4275, 64.5305



51.4760, 61.5278, 103.7707



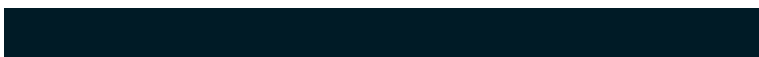
27.8164, 26.5134, 62.0448



11.2603, 12.1611, 14.3242



13.3529, 15.7298, 38.2887



0.7518, 0.9374, 1.9962

Inverse Universe

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



40.3920, 29.6529, 47.3124



61.1739, 40.9572, 70.7581



46.5865, 50.0591, 24.6610



11.5448, 11.3466, 13.4034



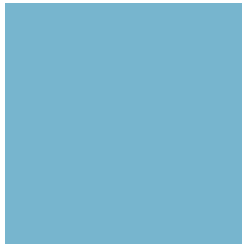
18.9508, 9.3909, 17.9916



1.0094, 0.4972, 1.0955

Previews

White Background



This preview shows how the XYZ color 35.2722, 41.4259, 64.5295 looks on a white background.

Color Contrast Check

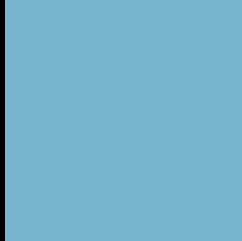
Large Text (above 18pt) WCAG AA × Fail

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 35.2722, 41.4259, 64.5295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

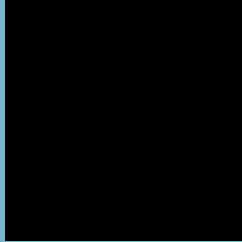
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2722, 41.4259, 64.5295

Background



This preview shows how black text looks on a background with the XYZ color 35.2722, 41.4259, 64.5295.



This preview shows how white text looks on a background with the XYZ color 35.2722, 41.4259,

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

35.2722, 41.4259, 64.5295

Protanopia

40.4094, 40.9800, 59.8129

Deuteranopia

42.0888, 41.1548, 66.0469



Tritanopia

34.1421, 41.2690, 58.9896

Trichromacy



Original Color

35.2722, 41.4259, 64.5295

Protanomaly

38.1911, 40.9259, 61.7637

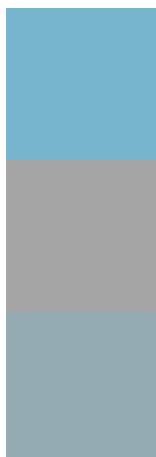
Deuteranomaly

39.0912, 41.0205, 65.5319

Tritanomaly

34.6245, 41.4776, 60.8247

Monochromacy



Original Color

35.2722, 41.4259, 64.5295

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.0139, 38.7170, 48.8077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2722, 41.4259, 64.5295 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(119, 181, 206)` looks like.

```
.text, #text, p{  
    color:rgb(119, 181, 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(119, 181, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 181, 206) }
```

Border

The CSS property to change the border of an element to XYZ 35.2722, 41.4259, 64.5295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

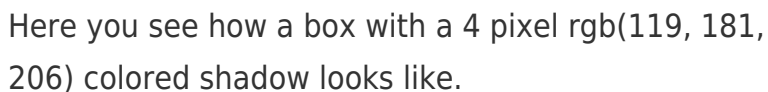
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 181, 206) }
```


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

```
.border{ border-color:rgb(119, 181, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 181, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 181, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 181, 206); box-shadow:4px 4px 4px 4px rgb(119, 181, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2722, 41.4259, 64.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 181, 206) }
```

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

```
.background{ background-color: rgb(119,  
181, 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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