

Converting Colors

XYZ(41.5757, 40.4875, 84.2208)

Have a look what the booklet for
XYZ(41.5757, 40.4875, 84.2208)
contains.

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Color

**XYZ(41.5757, 40.4875,
84.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	96A8EB
RGB	150, 168, 235
RGB Percent	59%, 66%, 92%
CMY	0.4118, 0.3412, 0.0784
CMYK	0.36, 0.29, 0.00, 0.08
HSL	227°, 68%, 75%
HSV	227°, 36%, 92%
XYZ	41.5757, 40.4875, 84.2208
YIQ	170.2560, -32.2350, 17.0210

Conversions

Conversions Part 2

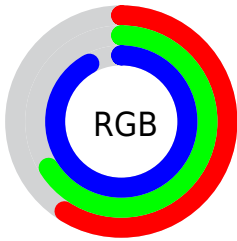
Format	Color
RYB	150, 165, 235
Decimal	9873643
CIELab	69.82, 9.66, -35.63
CIElCh	70, 36.918, 285.164
Yxy	40.4875, 0.2500, 0.2435
Android (android.graphics.Color)	4288063723 (0xFF96A8EB)
YUV	170.2560, 31.9188, -17.7645
Hunter-Lab	63.6298, 5.2798, -33.9358

Details

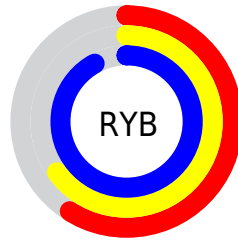
The XYZ color **41.5757, 40.4875, 84.2208** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.5797, 69.4908, 38.8650**, and the grayscale version is **38.1946, 40.1837, 43.7600**.

A 20% lighter version of the original color is **69.8913, 73.1172, 105.0371**, and **19.2059, 18.2323, 45.1547** is the 20% darker color. If you saturate the color by 10%, you get **34.4977, 32.1192, 82.9793**, and if you desaturate by 10%, it is **50.0108, 50.2802, 85.6671**.

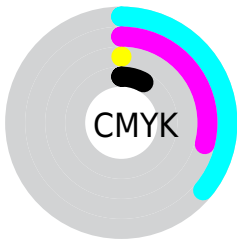
Distribution



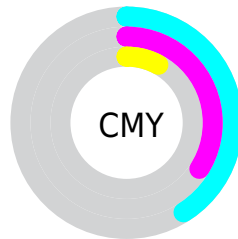
- Red (59%)
- Green (66%)
- Blue (92%)



- Red (59%)
- Yellow (65%)
- Blue (92%)



- Cyan (36%)
- Magenta (29%)
- Yellow (0%)
- Black (8%)



- Cyan (41%)
- Magenta (34%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5757, 40.4875, 84.2208 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 41.5757, 40.4875, 84.2208 by changing the saturation by 10% instead.

■ 41.5757, 40.4875,
84.2208

■ 41.5757, 40.4875,
84.2208

343.7427,
348.1740, 529.1234

■ 28.9589, 27.9188,
62.6513

■ 76.8263, 75.9053,
141.1485

■ 19.1938, 18.2645,
45.1200

■ 100.1907, 99.5232,
177.3437

■ 11.9152, 11.1400,
31.2083

127.8683,
127.5930, 219.2513

■ 6.7578, 6.1611,
20.4977

160.2246,
160.4991, 267.2898

■ 3.3561, 2.9433,
12.5697

197.6248,
198.6258, 321.8777

■ 1.3447, 1.1022,
7.0057

240.4343,

■ 0.2163, 0.0000,

242.3577, 383.4336

3.3872

289.0185,
292.0789, 452.3760

■ 0.0000, 0.0000,
1.2956

■ 0.0000, 0.0000,
0.0581

■ 41.5757, 40.4875,
84.2208

■ 41.5757, 40.4875,
84.2208

■ 34.4977, 32.1192,
82.9793

■ 50.0108, 50.2802,
85.6671

■ 28.6998, 25.1028,
81.9306

■ 59.8658, 61.5558,
87.3241

■ 24.1040, 19.3662,
81.0656

■ 71.2047, 74.3751,
89.2009

■ 20.6212, 14.8283,
80.3732

■ 84.0863, 88.7943,
91.3051

■ 18.1492, 11.3980,
79.8414

■ 91.9955, 98.7782,
92.8154

■ 16.5645, 8.9689,
79.4561

■ 16.1261, 8.2594,
79.3422

Harmonies

Analogous

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



35.6066, 40.4875, 84.2963



41.5757, 40.4875, 84.2208



47.2451, 40.4875, 71.6846

Triad

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



41.5757, 40.4875, 84.2208



47.1915, 40.4875, 24.5794



28.3839, 40.4875, 36.1629

Complementary

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



41.5757, 40.4875, 84.2208



64.5797, 69.4908, 38.8650

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.



30.8759, 40.4875, 24.6702



41.5757, 40.4875, 84.2208



41.5085, 40.4875, 19.2601

Square

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



41.5757, 40.4875, 84.2208



50.7091, 40.4875, 36.0029



35.5460, 40.4875, 19.2884



28.3978, 40.4875, 53.2921

Rectangle

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



41.5757, 40.4875, 84.2208



49.9147, 40.4875, 59.4476



35.5460, 40.4875, 19.2884



28.9439, 40.4875, 31.6255

Sweetspot

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



41.5771, 40.4890, 84.2218



78.8206, 81.7584, 106.2344



54.7574, 70.8897, 76.1599



16.4761, 17.0530, 22.6731



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.



41.5771, 40.4890, 84.2218



43.8970, 41.4879, 100.3021



43.3772, 36.8206, 83.4188



14.4897, 15.0658, 19.0666



9.0497, 4.7463, 44.1821



0.7789, 0.5094, 3.4921

Inverse Universe

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



52.2364, 42.3034, 42.4596



58.5401, 44.4664, 42.8224



62.0545, 75.4561, 40.1496



15.1960, 15.1062, 16.3173



19.4232, 9.9720, 2.7637



1.5597, 0.7968, 0.3986

Previews

White Background



This preview shows how the XYZ color 41.5757, 40.4875, 84.2208 looks on a white background.

Color Contrast Check

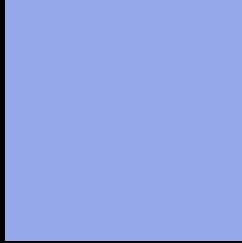
Large Text (above 18pt) WCAG AA × Fail

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 41.5757, 40.4875, 84.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

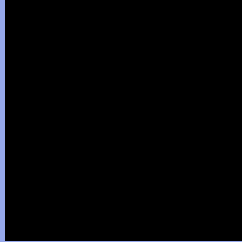
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5757, 40.4875, 84.2208

Background



This preview shows how black text looks on a background with the XYZ color 41.5757, 40.4875, 84.2208.



This preview shows how white text looks on a background with the XYZ color 41.5757, 40.4875,

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

41.5757, 40.4875, 84.2208

Protanopia

41.5757, 40.4875, 84.2208

Deuteranopia

41.3925, 40.3930, 84.2123



Tritanopia

35.7445, 40.3877, 55.2019

Trichromacy



Original Color

41.5757, 40.4875, 84.2208

Protanomaly

41.5757, 40.4875, 84.2208

Deuteranomaly

41.3925, 40.3930, 84.2123

Tritanomaly

37.7077, 40.3214, 64.8269

Monochromacy



Original Color

41.5757, 40.4875, 84.2208

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.0298, 40.0575, 56.7137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5757, 40.4875, 84.2208 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(150, 168, 235)` looks like.

```
.text, #text, p{  
    color:rgb(150, 168, 235)  
}
```

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(150, 168, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 168, 235) }
```

Border

The CSS property to change the border of an element to XYZ 41.5757, 40.4875, 84.2208 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(150, 168, 235) }
```


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

```
.border{ border-color:rgb(150, 168, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 168, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 168, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 168, 235);  
box-shadow:4px 4px 4px 4px rgb(150, 168,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5757, 40.4875, 84.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 168, 235) }
```

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

```
.background{ background-color: rgb(150,  
168, 235) }
```

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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