

Converting Colors

XYZ(43.7555, 41.2471, 87.6353)

Have a look what the booklet for
XYZ(43.7555, 41.2471, 87.6353)
contains.

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Color

**XYZ(43.6968, 41.2404,
87.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA7EF
RGB	159, 167, 239
RGB Percent	62%, 65%, 94%
CMY	0.3765, 0.3451, 0.0627
CMYK	0.33, 0.30, 0.00, 0.06
HSL	234°, 71%, 78%
HSV	234°, 33%, 94%
XYZ	43.6968, 41.2404, 87.3185
YIQ	172.8160, -27.8800, 20.6960

Conversions

Conversions Part 2

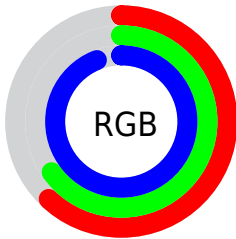
Format	Color
R_{YB}	159, 166, 239
Decimal	10463215
CIE _{Lab}	70.34, 13.73, -36.95
CIE _{LCh}	70, 39.413, 290.382
Yxy	41.2404, 0.2537, 0.2394
Android (android.graphics.Color)	4288653295 (0xFF9FA7EF)
YUV	172.8160, 32.6287, -12.1166
Hunter-Lab	64.2187, 9.0754, -35.6639

Details

The XYZ color **43.6968, 41.2404, 87.3185** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **70.4315, 78.0067, 44.1472**, and the grayscale version is **39.4773, 41.5332, 45.2297**.

A 20% lighter version of the original color is **72.1956, 73.9096, 105.0686**, and **20.5037, 18.6836, 47.3254** is the 20% darker color. If you saturate the color by 10%, you get **35.7894, 31.7934, 85.9125**, and if you desaturate by 10%, it is **53.1787, 52.4737, 88.9877**.

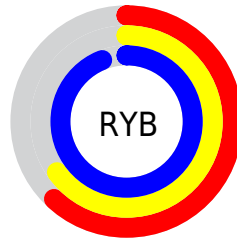
Distribution



Red (62%)

Green (65%)

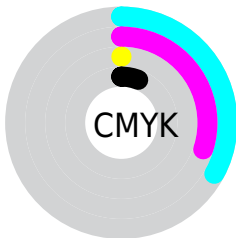
Blue (94%)



Red (62%)

Yellow (65%)

Blue (94%)

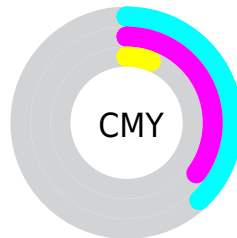


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (38%)

Magenta (35%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6968, 41.2404, 87.3185 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 43.6968, 41.2404, 87.3185 by changing the saturation by 10% instead.

■ 43.6968, 41.2404,
87.3185

■ 43.6968, 41.2404,
87.3185

352.3427,
351.3244, 539.6122

■ 30.6291, 28.5070,
65.1977

■ 80.0105, 77.0487,
145.5108

■ 20.4670, 18.7082,
47.1690

■ 103.9872,
100.8924, 182.4193

■ 12.8452, 11.4596,
32.8140

132.3309,
129.2082, 225.0942

■ 7.3983, 6.3769,
21.7140

165.4071,
162.3807, 273.9539

■ 3.7610, 3.0756,
13.4506

203.5809,
200.7941, 329.4170

■ 1.5678, 1.1713,
7.6052

247.2179,

■ 0.3713, 0.0381,

244.8330, 391.9021

3.7593

296.6834,
294.8816, 461.8277

■ 0.0000, 0.0000,
1.4942

■ 0.0000, 0.0000,
0.2136

■ 43.6968, 41.2404,
87.3185

■ 43.6968, 41.2404,
87.3185

■ 35.7894, 31.7934,
85.9125

■ 53.1787, 52.4737,
88.9877

■ 29.3668, 24.0358,
84.7537

■ 64.3098, 65.5740,
90.9297

■ 24.3370, 17.8689,
83.8285

■ 77.1651, 80.6227,
93.1568

■ 20.5956, 13.1815,
83.1209

■ 91.8136, 97.6951,
95.6801

■ 18.0234, 9.8480,
82.6130

■ 92.5801, 99.0121,
95.8939

■ 16.4784, 7.7213,
82.2840

■ 15.9047, 6.8812,
82.1520

Harmonies

Analogous

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



37.1537, 41.2404, 90.0441



43.6968, 41.2404, 87.3185



49.5943, 41.2404, 71.7012

Triad

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



43.6968, 41.2404, 87.3185



47.6869, 41.2404, 22.6529



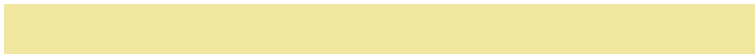
28.1571, 41.2404, 39.2047

Complementary

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



43.6968, 41.2404, 87.3185



70.4315, 78.0067, 44.1472

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.



30.3663, 41.2404, 25.7850



43.6968, 41.2404, 87.3185



41.3154, 41.2404, 18.1205

Square

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



43.6968, 41.2404, 87.3185



52.0683, 41.2404, 33.5927



35.0187, 41.2404, 19.0826



28.6449, 41.2404, 58.5054

Rectangle

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



43.6968, 41.2404, 87.3185



52.1369, 41.2404, 57.9739



35.0187, 41.2404, 19.0826



28.5988, 41.2404, 33.9624

Sweetspot

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



43.6982, 41.2420, 87.3195



79.3936, 81.7018, 106.1933



59.4019, 74.7994, 85.9256



16.5579, 16.9771, 22.6542



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.



43.6982, 41.2420, 87.3195



44.3196, 40.2578, 100.0424



49.1315, 41.9341, 87.1667



15.0244, 15.4829, 19.9182



8.8320, 3.8883, 45.4129



0.7772, 0.4083, 3.7921

Inverse Universe

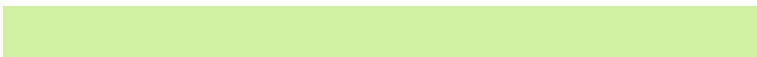
The Inverse Universe completely reimagines the original color for something new.



54.9710, 45.9385, 42.5305



59.2600, 46.6940, 40.6339



63.2319, 77.6955, 44.4665



15.8370, 15.7845, 16.6979



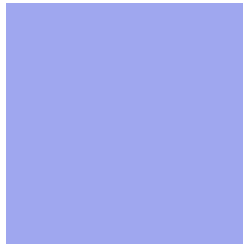
19.7836, 10.1859, 1.5112



1.6672, 0.8559, 0.2384

Previews

White Background



This preview shows how the XYZ color 43.6968, 41.2404, 87.3185 looks on a white background.

Color Contrast Check

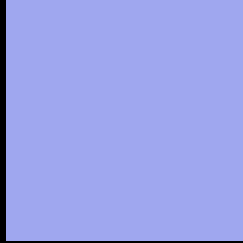
Large Text (above 18pt) WCAG AA × Fail

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 43.6968, 41.2404, 87.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

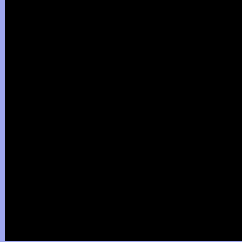
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6968, 41.2404, 87.3185

Background



This preview shows how black text looks on a background with the XYZ color 43.6968, 41.2404, 87.3185.



This preview shows how white text looks on a background with the XYZ color 43.6968, 41.2404,

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

43.6968, 41.2404, 87.3185

Protanopia

42.6428, 41.2108, 88.9261

Deuteranopia

42.3850, 41.4065, 86.6472



Tritanopia

37.0323, 41.0643, 54.6896

Trichromacy



Original Color

43.6968, 41.2404, 87.3185

Protanomaly

42.8677, 41.0688, 88.1058

Deuteranomaly

42.7575, 41.3213, 86.6112

Tritanomaly

39.2776, 41.1166, 65.5407

Monochromacy



Original Color

43.6968, 41.2404, 87.3185

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.7894, 41.4819, 58.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6968, 41.2404, 87.3185 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(159, 167, 239)` looks like.

```
.text, #text, p{  
    color:rgb(159, 167, 239)  
}
```

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(159, 167, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 167, 239) }
```

Border

The CSS property to change the border of an element to XYZ 43.6968, 41.2404, 87.3185 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(159, 167, 239) }
```


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

```
.border{ border-color:rgb(159, 167, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 167, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 167, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 167, 239);  
box-shadow:4px 4px 4px 4px rgb(159, 167,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6968, 41.2404, 87.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 167, 239) }
```

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

```
.background{ background-color: rgb(159,  
167, 239) }
```

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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