

Converting Colors

XYZ(41.1416, 39.5831, 90.2659)

Have a look what the booklet for
XYZ(41.1416, 39.5831, 90.2659)
contains.

XYZ(41.1416, 39.5831, 90.2659)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1416, 39.5831,
90.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA6F3
RGB	143, 166, 243
RGB Percent	56%, 65%, 95%
CMY	0.4392, 0.3490, 0.0471
CMYK	0.41, 0.32, 0.00, 0.05
HSL	226°, 81%, 76%
HSV	226°, 41%, 95%
XYZ	41.1416, 39.5831, 90.2659
YIQ	167.9010, -38.4250, 19.0710

Conversions

Conversions Part 2

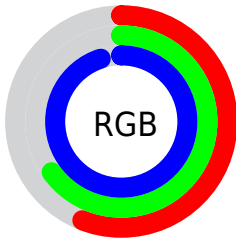
Format	Color
R _Y B	143, 162, 243
Decimal	9414387
CIE Lab	69.17, 11.11, -41.03
CIE LCh	69, 42.511, 285.145
Yxy	39.5831, 0.2406, 0.2315
Android (android.graphics.Color)	4287604467 (0xFF8FA6F3)
YUV	167.9010, 37.0238, -21.8382
Hunter-Lab	62.9151, 6.6237, -41.0243

Details

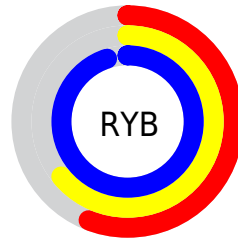
The XYZ color **41.1416, 39.5831, 90.2659** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.5148, 72.2262, 36.3712**, and the grayscale version is **37.0098, 38.9372, 42.4026**.

A 20% lighter version of the original color is **67.7259, 71.2123, 104.7835**, and **18.8107, 17.6060, 48.8612** is the 20% darker color. If you saturate the color by 10%, you get **34.2241, 31.3303, 89.0383**, and if you desaturate by 10%, it is **49.4678, 49.2982, 91.7030**.

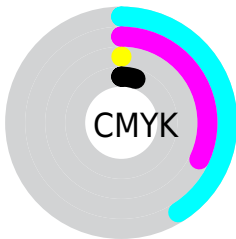
Distribution



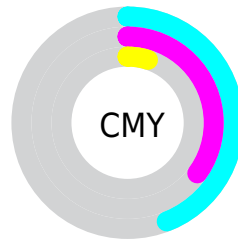
- Red (56%)
- Green (65%)
- Blue (95%)



- Red (56%)
- Yellow (64%)
- Blue (95%)



- Cyan (41%)
- Magenta (32%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1416, 39.5831, 90.2659 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 41.1416, 39.5831, 90.2659 by changing the saturation by 10% instead.

■ 41.1416, 39.5831,
90.2659

■ 41.1416, 39.5831,
90.2659

341.9646,
344.3633, 549.4878

■ 28.6179, 27.2136,
67.6262

■ 76.1721, 74.5283,
149.6464

■ 18.9348, 17.7337,
49.1289

■ 99.4097, 97.8727,
187.2244

■ 11.7269, 10.7590,
34.3555

126.9493,
125.6444, 230.6189

■ 6.6289, 5.9050,
22.8872

159.1562,
158.2275, 280.2484

■ 3.2754, 2.7874,
14.3057

196.3958,
196.0066, 336.5315

■ 1.3010, 1.0218,
8.1924

239.0335,

■ 0.1840, 0.0000,

239.3660, 399.8868

4.1288

287.4347,
288.6901, 470.7327

■ 0.0000, 0.0000,
1.6963

■ 0.0000, 0.0000,
0.3582

■ 41.1416, 39.5831,
90.2659

■ 41.1416, 39.5831,
90.2659

■ 34.2241, 31.3303,
89.0383

■ 49.4678, 49.2982,
91.7030

■ 28.6305, 24.4623,
88.0074

■ 59.2727, 60.5392,
93.3560

■ 24.2729, 18.9006,
87.1636

■ 70.6263, 73.3708,
95.2343

■ 21.0502, 14.5565,
86.4949

■ 83.5930, 87.8530,
97.3462

■ 18.8441, 11.3287,
85.9882

■ 93.1778, 99.2511,
99.0411

■ 17.5865, 9.2885,
85.6607

Harmonies

Analogous

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



34.3704, 39.5831, 90.3464



41.1416, 39.5831, 90.2659



47.6689, 39.5831, 75.2564

Triad

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



41.1416, 39.5831, 90.2659



47.6140, 39.5831, 21.6378



26.3509, 39.5831, 34.1979

Complementary

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



41.1416, 39.5831, 90.2659



67.5148, 72.2262, 36.3712

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.



29.0972, 39.5831, 21.7228



41.1416, 39.5831, 90.2659



41.0736, 39.5831, 16.0991

Square

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



41.1416, 39.5831, 90.2659



51.7008, 39.5831, 34.0408



34.3101, 39.5831, 16.1247



26.3645, 39.5831, 53.6370

Rectangle

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



41.1416, 39.5831, 90.2659



50.7713, 39.5831, 60.8238



34.3101, 39.5831, 16.1247



26.9659, 39.5831, 29.2033

Sweetspot

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



41.1430, 39.5846, 90.2668



77.6131, 80.5284, 106.0606



56.2538, 75.0915, 79.0094



16.2401, 16.8175, 22.6401



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.



41.1430, 39.5846, 90.2668



39.6251, 36.6928, 99.6017



42.5074, 34.6268, 89.2380



15.8904, 16.5450, 20.8986



9.7359, 5.2657, 47.0413



0.9306, 0.6126, 4.1594

Inverse Universe

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



53.6688, 41.4545, 41.2505



55.4688, 39.7344, 37.4500



65.4272, 80.7351, 38.1236



16.6552, 16.5449, 17.9311



20.7188, 10.6309, 3.2274



1.8588, 0.9495, 0.4828

Previews

White Background



This preview shows how the XYZ color 41.1416, 39.5831, 90.2659 looks on a white background.

Color Contrast Check

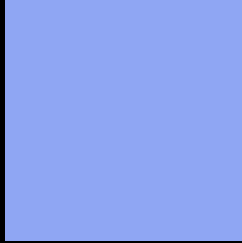
Large Text (above 18pt) WCAG AA × Fail

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 41.1416, 39.5831, 90.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

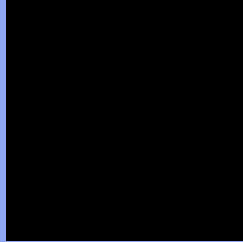
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1416, 39.5831, 90.2659

Background



This preview shows how black text looks on a background with the XYZ color 41.1416, 39.5831, 90.2659.



This preview shows how white text looks on a background with the XYZ color 41.1416, 39.5831,

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

41.1416, 39.5831, 90.2659

Protanopia

41.3155, 39.6728, 90.2741

Deuteranopia

40.6438, 39.5975, 90.2949



Tritanopia

33.8729, 39.4355, 54.5417

Trichromacy



Original Color

41.1416, 39.5831, 90.2659

Protanomaly

41.3155, 39.6728, 90.2741

Deuteranomaly

40.8116, 39.6839, 90.3028

Tritanomaly

36.0927, 39.1768, 65.9812

Monochromacy



Original Color

41.1416, 39.5831, 90.2659

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.9671, 38.9485, 57.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1416, 39.5831, 90.2659 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(143, 166, 243)` looks like.

```
.text, #text, p{  
    color:rgb(143, 166, 243)  
}
```

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(143, 166, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 166, 243) }
```

Border

The CSS property to change the border of an element to XYZ 41.1416, 39.5831, 90.2659 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(143, 166, 243) }
```


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

```
.border{ border-color:rgb(143, 166, 243) }
```

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

Here you see how a box with a 4 pixel rgb(143, 166, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 166, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 166, 243);  
box-shadow:4px 4px 4px 4px rgb(143, 166,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1416, 39.5831, 90.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 166, 243) }
```

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

```
.background{ background-color: rgb(143,  
166, 243) }
```

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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