

Converting Colors

XYZ(43.5893, 43.2594, 96.9278)

Have a look what the booklet for
XYZ(43.5893, 43.2594, 96.9278)
contains.

XYZ(43.5578, 43.2004, 97.3096)	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(43.5578, 43.2004,
97.3096)**

Conversions

Conversions Part 1

Format	Color
Hex	8CAFFB
RGB	140, 175, 251
RGB Percent	55%, 69%, 98%
CMY	0.4510, 0.3137, 0.0157
CMYK	0.44, 0.30, 0.00, 0.02
HSL	221°, 93%, 77%
HSV	221°, 44%, 98%
XYZ	43.5578, 43.2004, 97.3096
YIQ	173.1990, -45.2560, 16.2160

Conversions

Conversions Part 2

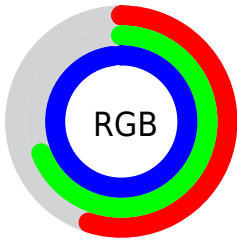
Format	Color
RYB	140, 167, 251
Decimal	9220091
CIELab	71.69, 7.51, -41.46
CIElCh	72, 42.131, 280.271
Yxy	43.2004, 0.2366, 0.2347
Android (android.graphics.Color)	4287410171 (0xFF8CAFFB)
YUV	173.1990, 38.3559, -29.1155
Hunter-Lab	65.7270, 3.2711, -41.7706

Details

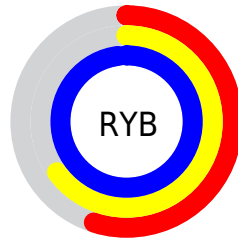
The XYZ color **43.5578, 43.2004, 97.3096** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **69.0748, 71.5166, 34.9764**, and the grayscale version is **39.6503, 41.7152, 45.4279**.

A 20% lighter version of the original color is **69.3728, 75.6839, 105.5599**, and **20.3878, 19.9000, 53.8055** is the 20% darker color. If you saturate the color by 10%, you get **36.6661, 34.9948, 96.0898**, and if you desaturate by 10%, it is **51.8428, 52.7579, 98.7185**.

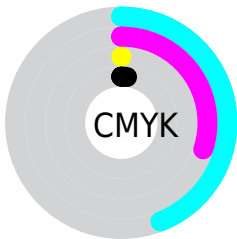
Distribution



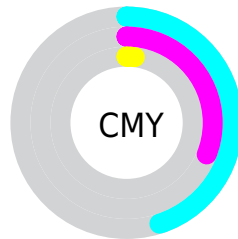
- Red (55%)
- Green (69%)
- Blue (98%)



- Red (55%)
- Yellow (65%)
- Blue (98%)



- Cyan (44%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5578, 43.2004, 97.3096 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 43.5578, 43.2004, 97.3096 by changing the saturation by 10% instead.

■ 43.5578, 43.2004,
97.3096

■ 43.5578, 43.2004,
97.3096

351.7835,
359.4353, 572.7049

■ 30.5194, 30.0424,
73.4513

■ 79.8024, 80.0132,
159.4745

■ 20.3832, 19.8708,
53.8510

■ 103.7394,
104.4367, 198.6181

■ 12.7838, 12.3011,
38.0902

132.0399,
133.3843, 243.6940

■ 7.3558, 6.9491,
25.7503

165.0693,
167.2402, 295.1205

■ 3.7339, 3.4303,
16.4128

203.1930,
206.3888, 353.3164

■ 1.5527, 1.3603,
9.6593

246.7764,

■ 0.3613, 0.1872,

251.2146, 418.7000

5.0710

296.1848,
302.1020, 491.6900

■ 0.0000, 0.0000,
2.2295

■ 0.0000, 0.0000,
0.6913

■ 43.5578, 43.2004,
97.3096

■ 43.5578, 43.2004,
97.3096

■ 36.6661, 34.9948,
96.0898

■ 51.8428, 52.7579,
98.7185

■ 31.0808, 28.0700,
95.0476

■ 61.5918, 63.7237,
100.3213

■ 26.7115, 22.3554,
94.1748

■ 72.8759, 76.1565,
102.1264

■ 23.4533, 17.7699,
93.4615

■ 85.7602, 90.1103,
104.1406

■ 21.1802, 14.2195,
92.8960

94.4128, 99.7451,
105.5443

■ 20.2190, 12.5775,
92.6297

Harmonies

Analogous

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



36.5979, 43.2004, 94.6103



43.5578, 43.2004, 97.3096



50.5908, 43.2004, 83.8724

Triad

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



43.5578, 43.2004, 97.3096



52.4532, 43.2004, 25.9232



29.4449, 43.2004, 34.9731

Complementary

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



43.5578, 43.2004, 97.3096



69.0748, 71.5166, 34.9764

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.



32.8095, 43.2004, 22.9618



43.5578, 43.2004, 97.3096



45.8723, 43.2004, 18.8835

Square

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



43.5578, 43.2004, 97.3096



56.1070, 43.2004, 40.3692



38.6609, 43.2004, 17.9849



28.9779, 43.2004, 54.4033

Rectangle

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



43.5578, 43.2004, 97.3096



54.1752, 43.2004, 69.3569



38.6609, 43.2004, 17.9849



30.2544, 43.2004, 30.1082

Sweetspot

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



43.5593, 43.2020, 97.3106



77.0701, 80.6095, 106.1049



57.6892, 79.5211, 77.1743



15.9036, 16.6067, 22.6172



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.



43.5593, 43.2020, 97.3106



38.7771, 37.2066, 99.7456



41.3598, 33.2329, 95.5024



16.7296, 17.5360, 21.8883



10.7424, 6.8405, 48.7277



1.0856, 0.8149, 4.5433

Inverse Universe

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



56.9010, 42.3624, 45.7366



54.5013, 37.2820, 38.7224



72.0742, 87.8197, 37.9651



17.4701, 17.3154, 19.0651



21.7143, 11.1014, 5.2040



2.0569, 1.0465, 0.7230

Previews

White Background



This preview shows how the XYZ color 43.5578, 43.2004, 97.3096 looks on a white background.

Color Contrast Check

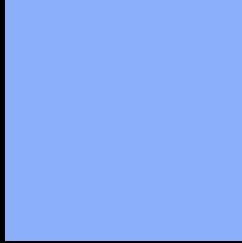
Large Text (above 18pt) WCAG AA × Fail

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 43.5578, 43.2004, 97.3096 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

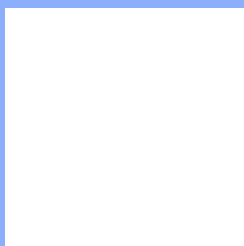
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5578, 43.2004, 97.3096

Background



This preview shows how black text looks on a background with the XYZ color 43.5578, 43.2004, 97.3096.



This preview shows how white text looks on a background with the XYZ color 43.5578, 43.2004,

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

43.5578, 43.2004, 97.3096

Protanopia

44.8050, 43.3060, 95.6200

Deuteranopia

44.4027, 43.3481, 97.2935



Tritanopia

36.3785, 43.3037, 61.0847

Trichromacy



Original Color

43.5578, 43.2004, 97.3096

Protanomaly

44.4240, 43.3773, 96.4737

Deuteranomaly

44.0502, 43.1664, 97.2770

Tritanomaly

38.6701, 42.9875, 73.2771

Monochromacy



Original Color

43.5578, 43.2004, 97.3096

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3766, 42.0662, 61.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5578, 43.2004, 97.3096 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(140, 175, 251)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 251)  
}
```

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(140, 175, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 251) }
```

Border

The CSS property to change the border of an element to XYZ 43.5578, 43.2004, 97.3096 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(140, 175, 251) }
```


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

```
.border{ border-color:rgb(140, 175, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 251);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5578, 43.2004, 97.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 251) }
```

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

```
.background{ background-color: rgb(140,  
175, 251) }
```

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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