

Converting Colors

XYZ(45.9744, 43.9798, 94.3450)

Have a look what the booklet for
XYZ(45.9744, 43.9798, 94.3450)
contains.

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Color

**XYZ(45.8326, 43.8716,
94.0481)**

Conversions

Conversions Part 1

Format	Color
Hex	9EADF7
RGB	158, 173, 247
RGB Percent	62%, 68%, 97%
CMY	0.3804, 0.3216, 0.0314
CMYK	0.36, 0.30, 0.00, 0.03
HSL	230°, 85%, 79%
HSV	230°, 36%, 97%
XYZ	45.8326, 43.8716, 94.0481
YIQ	176.9510, -32.6940, 19.8340

Conversions

Conversions Part 2

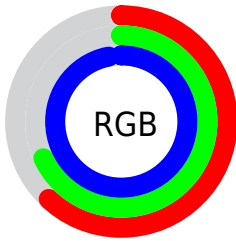
Format	Color
R _Y B	158, 171, 247
Decimal	10399223
CIE Lab	72.14, 12.16, -38.50
CIE LCh	72, 40.375, 287.531
Yxy	43.8716, 0.2494, 0.2388
Android (android.graphics.Color)	4288589303 (0xFF9EADF7)
YUV	176.9510, 34.5342, -16.6200
Hunter-Lab	66.2356, 7.6030, -37.8210

Details

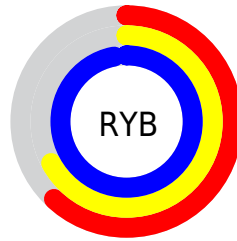
The XYZ color **45.8326, 43.8716, 94.0481** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **73.3871, 79.9574, 43.9149**, and the grayscale version is **41.6023, 43.7688, 47.6642**.

A 20% lighter version of the original color is **73.8177, 77.1539, 105.6093**, and **21.7252, 20.2760, 51.4838** is the 20% darker color. If you saturate the color by 10%, you get **37.8135, 34.3347, 92.6307**, and if you desaturate by 10%, it is **55.4364, 55.1257, 95.7150**.

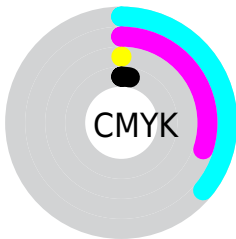
Distribution



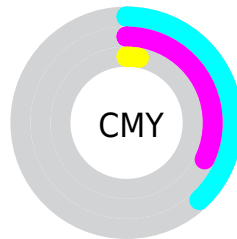
- Red (62%)
- Green (68%)
- Blue (97%)



- Red (62%)
- Yellow (67%)
- Blue (97%)



- Cyan (36%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8326, 43.8716, 94.0481 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 45.8326, 43.8716, 94.0481 by changing the saturation by 10% instead.

■ 45.8326, 43.8716,
94.0481

■ 45.8326, 43.8716,
94.0481

360.8625,
362.1841, 562.0194

■ 32.3178, 30.5696,
70.7505

■ 83.1978, 81.0245,
154.9331

■ 21.7611, 20.2713,
51.6580

■ 107.7789,
105.6442, 193.3575

■ 13.7971, 12.5924,
36.3522

136.7796,
134.8052, 237.6613

■ 8.0604, 7.1485,
24.4145

170.5650,
168.8919, 288.2630

■ 4.1858, 3.5551,
15.4263

209.5007,
208.2888, 345.5811

■ 1.8078, 1.4280,
8.9692

253.9519,

■ 0.5223, 0.2372,

253.3801, 410.0342

4.6246

304.2841,
304.5504, 482.0407

■ 0.0000, 0.0000,
1.9739

■ 0.0000, 0.0000,
0.5391

■ 45.8326, 43.8716,
94.0481

■ 45.8326, 43.8716,
94.0481

■ 37.8135, 34.3347,
92.6307

■ 55.4364, 55.1257,
95.7150

■ 31.2883, 26.4247,
91.4479

■ 66.7000, 68.1716,
97.6394

■ 26.1634, 20.0503,
90.4876

■ 79.6994, 83.0851,
99.8329

■ 22.3330, 15.1087,
89.7357

■ 93.7886, 99.4955,
102.2578

■ 19.6751, 11.4842,
89.1762

■ 18.0426, 9.0411,
88.7906

■ 17.6035, 8.3451,
88.6794

Harmonies

Analogous

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



38.8936, 43.8716, 95.4217



45.8326, 43.8716, 94.0481



52.2937, 43.8716, 78.3629

Triad

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



45.8326, 43.8716, 94.0481



51.3343, 43.8716, 24.8286



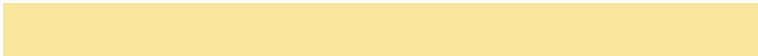
30.0184, 43.8716, 40.0106

Complementary

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



45.8326, 43.8716, 94.0481



73.3871, 79.9574, 43.9149

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.



32.6410, 43.8716, 26.3974



45.8326, 43.8716, 94.0481



44.6354, 43.8716, 19.4032

Square

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



45.8326, 43.8716, 94.0481



55.7033, 43.8716, 37.1937



37.8210, 43.8716, 19.8844



30.2631, 43.8716, 60.1793

Rectangle

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



45.8326, 43.8716, 94.0481



55.2295, 43.8716, 63.8475



37.8210, 43.8716, 19.8844



30.5807, 43.8716, 34.6450

Sweetspot

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



45.8341, 43.8733, 94.0491



78.4787, 81.0745, 106.1204



61.7417, 79.5433, 87.4674



16.3952, 16.8912, 22.6462



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.



45.8341, 43.8733, 94.0491



43.0339, 39.7616, 100.0144



49.3112, 41.6330, 93.4335



15.8068, 16.3779, 20.8707



9.3787, 4.5511, 46.9222



0.8877, 0.5267, 4.1451

Inverse Universe

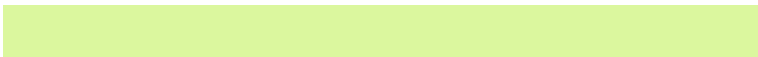
The Inverse Universe completely reimagines the original color for something new.



58.1288, 47.2466, 45.5925



58.1044, 44.2921, 40.5282



68.5918, 84.0228, 44.9524



16.6131, 16.5281, 17.7090



20.5384, 10.5588, 2.2778



1.8371, 0.9408, 0.3686

Previews

White Background



This preview shows how the XYZ color 45.8326, 43.8716, 94.0481 looks on a white background.

Color Contrast Check

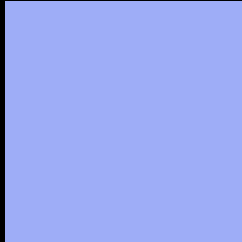
Large Text (above 18pt) WCAG AA × Fail

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 45.8326, 43.8716, 94.0481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

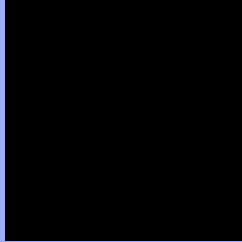
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8326, 43.8716, 94.0481

Background



This preview shows how black text looks on a background with the XYZ color 45.8326, 43.8716, 94.0481.



This preview shows how white text looks on a background with the XYZ color 45.8326, 43.8716,

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

45.8326, 43.8716, 94.0481

Protanopia

45.4058, 43.9194, 94.8911

Deuteranopia

45.2553, 44.1476, 94.1318



Tritanopia

38.8656, 44.0092, 59.2695

Trichromacy



Original Color

45.8326, 43.8716, 94.0481

Protanomaly

45.5969, 44.0180, 94.9000

Deuteranomaly

45.4421, 43.9561, 94.0850

Tritanomaly

40.9635, 43.6305, 70.5525

Monochromacy



Original Color

45.8326, 43.8716, 94.0481

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.7636, 43.8610, 62.0892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8326, 43.8716, 94.0481 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(158, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(158, 173, 247)  
}
```

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(158, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 173, 247) }
```

Border

The CSS property to change the border of an element to XYZ 45.8326, 43.8716, 94.0481 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(158, 173, 247) }
```


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

```
.border{ border-color:rgb(158, 173, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 173, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(158, 173,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8326, 43.8716, 94.0481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 173, 247) }
```

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

```
.background{ background-color: rgb(158,  
173, 247) }
```

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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