

Converting Colors

XYZ(26.4535, 25.8761, 79.9819)

Have a look what the booklet for
XYZ(26.4535, 25.8761, 79.9819)
contains.

XYZ(26.4694, 25.8845, 79.9450)	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(26.4694, 25.8845,
79.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	468CE8
RGB	70, 140, 232
RGB Percent	27%, 55%, 91%
CMY	0.7254, 0.4510, 0.0902
CMYK	0.70, 0.40, 0.00, 0.09
HSL	214°, 78%, 59%
HSV	214°, 70%, 91%
XYZ	26.4694, 25.8845, 79.9450
YIQ	129.5580, -71.2520, 13.7720

Conversions

Conversions Part 2

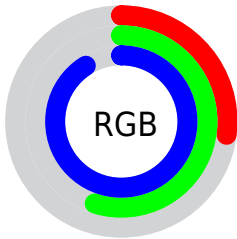
Format	Color
RYP	70, 119, 232
Decimal	4623592
CIELab	57.93, 7.86, -52.97
CIElCh	58, 53.549, 278.445
Yxy	25.8845, 0.2001, 0.1957
Android (android.graphics.Color)	4282813672 (0xFF468CE8)
YUV	129.5580, 50.5039, -52.2324
Hunter-Lab	50.8768, 3.8328, -57.5512

Details

The XYZ color **26.4694, 25.8845, 79.9450** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **47.3069, 43.4425, 11.6880**, and the grayscale version is **20.9095, 21.9984, 23.9563**.

A 20% lighter version of the original color is **47.1116, 50.5108, 101.8743**, and **11.5776, 10.6168, 42.5133** is the 20% darker color. If you saturate the color by 10%, you get **23.2960, 21.5598, 79.2781**, and if you desaturate by 10%, it is **30.5215, 31.0050, 80.7204**.

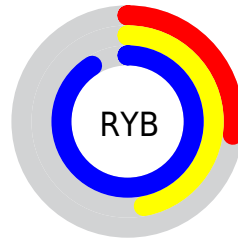
Distribution



Red (27%)

Green (55%)

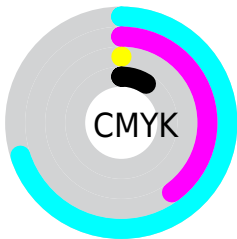
Blue (91%)



Red (27%)

Yellow (47%)

Blue (91%)

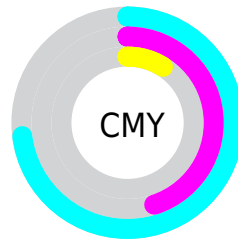


Cyan (70%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (45%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4694, 25.8845, 79.9450 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 26.4694, 25.8845, 79.9450 by changing the saturation by 10% instead.

■ 26.4694, 25.8845,
79.9450

■ 26.4694, 25.8845,
79.9450

277.2934,
282.2146, 514.4493

■ 17.3096, 16.7373,
59.1472

■ 53.4572, 53.0886,
135.0991

■ 10.5522, 10.0473,
42.3108

■ 72.0159, 71.9142,
170.2925

■ 5.8316, 5.4304,
29.0174

■ 94.4383, 94.7347,
211.1215

■ 2.7827, 2.5019,
18.8483

■ 121.0898,
121.9345, 258.0046

■ 1.0399, 0.8776,
11.3850

152.3357,
153.8980, 311.3604

■ 0.0000, 0.0000,
6.2090

188.5414,

■ 0.0000, 0.0000,

191.0096, 371.6074

2.9017

230.0721,
233.6537, 439.1642

■ 0.0000, 0.0000,
1.0447

■ 0.0000, 0.0000,
0.0000

■ 26.4694, 25.8845,
79.9450

■ 26.4694, 25.8845,
79.9450

■ 23.2960, 21.5598,
79.2781

■ 30.5215, 31.0050,
80.7204

■ 20.9109, 17.9714,
78.7111

■ 35.5234, 36.9686,
81.6078

■ 19.1734, 15.0343,
78.2358

■ 41.5418, 43.8209,
82.6132

■ 19.1458, 14.9867,
78.2281

■ 48.6362, 51.6028,
83.7414

■ 56.8609, 60.3525,
84.9967

■ 66.2665, 70.1056,
86.3836

■ 76.9005, 80.8960,
87.9058

■ 88.5822, 92.6394,
89.5569

■ 91.5656, 98.6062,
90.5513

Harmonies

Analogous

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



20.3212, 25.8845, 75.8124



26.4694, 25.8845, 79.9450



33.1483, 25.8845, 66.1629

Triad

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



26.4694, 25.8845, 79.9450



35.6513, 25.8845, 11.3644



14.7757, 25.8845, 17.0441

Complementary

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



26.4694, 25.8845, 79.9450



47.3069, 43.4425, 11.6880

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.



17.6682, 25.8845, 8.5131



26.4694, 25.8845, 79.9450



29.4464, 25.8845, 6.3738

Square

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



26.4694, 25.8845, 79.9450



39.0236, 25.8845, 23.2821



22.8254, 25.8845, 5.6261



14.2601, 25.8845, 33.7294

Rectangle

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



26.4694, 25.8845, 79.9450



36.7576, 25.8845, 51.1593



22.8254, 25.8845, 5.6261



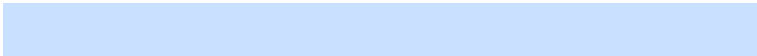
15.4744, 25.8845, 13.3822

Sweetspot

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



26.4705, 25.8853, 79.9457



69.0723, 73.3275, 105.1209



37.8877, 61.6178, 43.9882



14.1591, 15.0341, 22.4056



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.



26.4705, 25.8853, 79.9457



27.3919, 24.5581, 97.9042



20.1335, 11.9489, 77.5897



14.0924, 14.9062, 18.2788



10.7488, 8.5596, 43.4688



0.8851, 0.8142, 3.2425

Inverse Universe

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



40.2035, 23.4311, 27.2152



46.2838, 24.5352, 24.6132



59.8428, 73.5597, 16.8405



14.6342, 14.4709, 16.2743



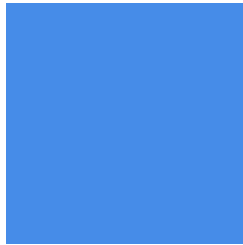
19.8190, 10.0618, 7.9417



1.5104, 0.7619, 0.8283

Previews

White Background



This preview shows how the XYZ color 26.4694, 25.8845, 79.9450 looks on a white background.

Color Contrast Check

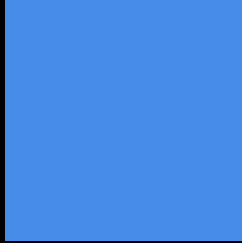
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4694, 25.8845, 79.9450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

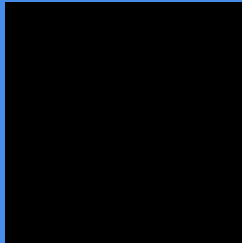
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

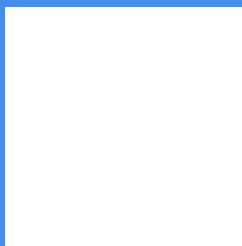
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4694, 25.8845, 79.9450

Background



This preview shows how black text looks on a background with the XYZ color 26.4694, 25.8845, 79.9450.



This preview shows how white text looks on a background with the XYZ color 26.4694, 25.8845,

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

26.4694, 25.8845, 79.9450

Protanopia

28.0344, 25.6961, 76.8811

Deuteranopia

26.6221, 25.7473, 79.9105



Tritanopia

18.4385, 25.8644, 40.0969

Trichromacy



Original Color

26.4694, 25.8845, 79.9450

Protanomaly

27.3050, 25.7221, 77.6545

Deuteranomaly

26.5458, 25.7079, 79.9069

Tritanomaly

20.4426, 25.4193, 52.5442

Monochromacy



Original Color

26.4694, 25.8845, 79.9450

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6845, 23.0284, 39.8612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4694, 25.8845, 79.9450 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(70, 140, 232)` looks like.

```
.text, #text, p{  
    color:rgb(70, 140, 232)  
}
```

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(70, 140, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 140, 232) }
```

Border

The CSS property to change the border of an element to XYZ 26.4694, 25.8845, 79.9450 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(70, 140, 232) }
```


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

```
.border{ border-color:rgb(70, 140, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 140, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 140, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 140, 232);  
box-shadow:4px 4px 4px 4px rgb(70, 140,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4694, 25.8845, 79.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 140, 232) }
```

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

```
.background{ background-color: rgb(70, 140,  
232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor