

Converting Colors

XYZ(29.9414, 26.0696, 85.8919)

Have a look what the booklet for
XYZ(29.9414, 26.0696, 85.8919)
contains.

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Color

**XYZ(29.9414, 26.0696,
85.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	6985F0
RGB	105, 133, 240
RGB Percent	41%, 52%, 94%
CMY	0.5882, 0.4784, 0.0588
CMYK	0.56, 0.45, 0.00, 0.06
HSL	228°, 82%, 68%
HSV	228°, 56%, 94%
XYZ	29.9414, 26.0696, 85.8919
YIQ	136.8260, -51.0350, 27.3410

Conversions

Conversions Part 2

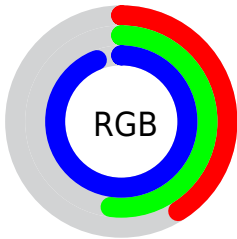
Format	Color
RYB	105, 128, 240
Decimal	6915568
CIELab	58.10, 20.80, -57.03
CIELCh	58, 60.708, 290.038
Yxy	26.0696, 0.2110, 0.1837
Android (android.graphics.Color)	4285105648 (0xFF6985F0)
YUV	136.8260, 50.8648, -27.9114
Hunter-Lab	51.0584, 15.3228, -63.9985

Details

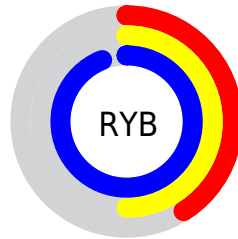
The XYZ color **29.9414, 26.0696, 85.8919** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **62.0305, 66.6353, 22.9589**, and the grayscale version is **23.5413, 24.7673, 26.9716**.

A 20% lighter version of the original color is **51.1260, 50.3371, 101.6292**, and **12.4451, 10.1346, 46.1000** is the 20% darker color. If you saturate the color by 10%, you get **25.1371, 20.0707, 84.9878**, and if you desaturate by 10%, it is **36.0148, 33.4234, 86.9918**.

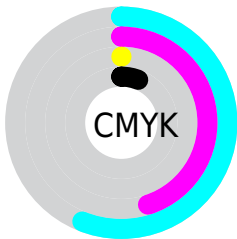
Distribution



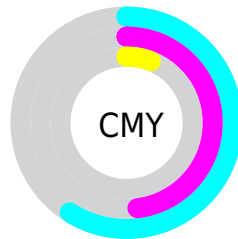
- Red (41%)
- Green (52%)
- Blue (94%)



- Red (41%)
- Yellow (50%)
- Blue (94%)



- Cyan (56%)
- Magenta (45%)
- Yellow (0%)
- Black (6%)



- Cyan (59%)
- Magenta (48%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9414, 26.0696, 85.8919 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 29.9414, 26.0696, 85.8919 by changing the saturation by 10% instead.

■ 29.9414, 26.0696,
85.8919

■ 29.9414, 26.0696,
85.8919

293.5459,
283.1236, 534.7961

■ 19.9420, 16.8757,
64.0242

■ 58.9568, 53.3872,
143.5038

■ 12.4609, 10.1459,
46.2240

■ 78.7034, 72.2797,
180.0852

■ 7.1328, 5.4958,
32.0727

■ 102.4298, 95.1739,
222.4081

■ 3.5924, 2.5410,
21.1517

130.5013,
122.4541, 270.8912

■ 1.4742, 0.8971,
13.0426

163.2834,
154.5048, 325.9530

■ 0.3082, 0.0000,
7.3268

201.1412,

■ 0.0000, 0.0000,

191.7104, 388.0121

3.5858

244.4403,
234.4551, 457.4869

■ 0.0000, 0.0000,
1.4010

■ 0.0000, 0.0000,
0.1425

■ 29.9414, 26.0696,
85.8919

■ 29.9414, 26.0696,
85.8919

■ 25.1371, 20.0707,
84.9878

■ 36.0148, 33.4234,
86.9918

■ 21.5042, 15.3378,
84.2657

■ 43.4383, 42.2080,
88.2961

■ 18.9355, 11.7744,
83.7133

■ 52.2900, 52.4966,
89.8155

■ 17.2997, 9.2668,
83.3155

■ 62.6409, 64.3565,
91.5591

■ 16.8591, 8.5530,
83.2009

■ 74.5572, 77.8508,
93.5357

■ 88.1011, 93.0391,
95.7535

■ 92.7283, 99.0713,
96.6740

Harmonies

Analogous

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



22.4137, 26.0696, 89.7975



29.9414, 26.0696, 85.8919



37.2614, 26.0696, 63.1115

Triad

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



29.9414, 26.0696, 85.8919



35.0055, 26.0696, 7.2958



13.3055, 26.0696, 21.9451

Complementary

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



29.9414, 26.0696, 85.8919



62.0305, 66.6353, 22.9589

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.



15.4504, 26.0696, 9.5215



29.9414, 26.0696, 85.8919



27.3038, 26.0696, 4.2742

Square

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



29.9414, 26.0696, 85.8919



40.5625, 26.0696, 16.6560



20.2459, 26.0696, 4.8162



13.7343, 26.0696, 44.6291

Rectangle

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



29.9414, 26.0696, 85.8919



40.5713, 26.0696, 44.5611



20.2459, 26.0696, 4.8162



13.7300, 26.0696, 16.6912

Sweetspot

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



29.9425, 26.0704, 85.8926



70.8620, 72.6880, 104.9031



48.7136, 70.0150, 72.4119



14.6307, 14.9457, 22.3636



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.



29.9425, 26.0704, 85.8926



28.3857, 22.4440, 97.4438



32.1524, 22.2582, 85.0403



15.1628, 15.7597, 19.9644



9.3054, 4.8350, 45.5707



0.8433, 0.5407, 3.8141

Inverse Universe

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



45.2214, 30.3234, 25.6604



47.7867, 28.9699, 20.7093



58.0006, 75.8627, 24.9524



15.9069, 15.8125, 17.0658



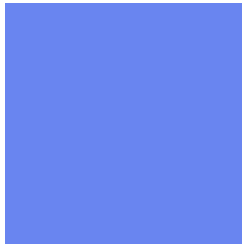
20.0225, 10.2814, 2.7693



1.7006, 0.8693, 0.4144

Previews

White Background



This preview shows how the XYZ color 29.9414, 26.0696, 85.8919 looks on a white background.

Color Contrast Check

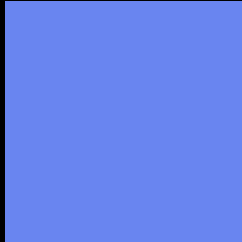
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9414, 26.0696, 85.8919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

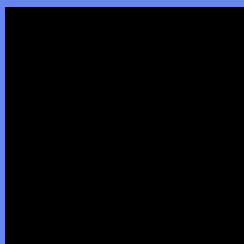
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

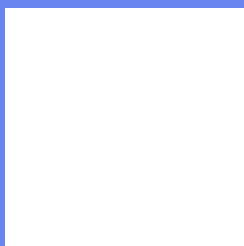
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9414, 26.0696, 85.8919

Background



This preview shows how black text looks on a background with the XYZ color 29.9414, 26.0696, 85.8919.



This preview shows how white text looks on a background with the XYZ color 29.9414, 26.0696,

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

29.9414, 26.0696, 85.8919

Protanopia

29.1456, 26.2433, 87.5337

Deuteranopia

27.1375, 26.3466, 84.5440



Tritanopia

20.4189, 25.9529, 38.5836

Trichromacy



Original Color

29.9414, 26.0696, 85.8919

Protanomaly

29.3650, 26.1656, 86.7219

Deuteranomaly

27.9767, 26.1144, 85.2274

Tritanomaly

23.2150, 25.6865, 53.0247

Monochromacy



Original Color

29.9414, 26.0696, 85.8919

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9016, 25.0243, 43.5621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9414, 26.0696, 85.8919 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(105, 133, 240)` looks like.

```
.text, #text, p{  
    color:rgb(105, 133, 240)  
}
```

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(105, 133, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 133, 240) }
```

Border

The CSS property to change the border of an element to XYZ 29.9414, 26.0696, 85.8919 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(105, 133, 240) }
```


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

```
.border{ border-color:rgb(105, 133, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 133, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 133, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 133, 240);  
box-shadow:4px 4px 4px 4px rgb(105, 133,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9414, 26.0696, 85.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 133, 240) }
```

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

```
.background{ background-color: rgb(105,  
133, 240) }
```

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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