

Converting Colors

XYZ(26.2476, 23.9124, 74.1339)

Have a look what the booklet for
XYZ(26.2476, 23.9124, 74.1339)
contains.

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Color

**XYZ(26.2926, 23.8344,
74.4489)**

Conversions

Conversions Part 1

Format	Color
Hex	5F82E1
RGB	95, 130, 225
RGB Percent	37%, 51%, 88%
CMY	0.6274, 0.4902, 0.1176
CMYK	0.58, 0.42, 0.00, 0.12
HSL	224°, 68%, 63%
HSV	224°, 58%, 88%
XYZ	26.2926, 23.8344, 74.4489
YIQ	130.3650, -51.3550, 22.1250

Conversions

Conversions Part 2

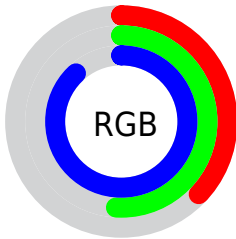
Format	Color
RYB	95, 123, 225
Decimal	6259425
CIELab	55.92, 15.78, -52.19
CIElCh	56, 54.527, 286.823
Yxy	23.8344, 0.2111, 0.1913
Android (android.graphics.Color)	4284449505 (0xFF5F82E1)
YUV	130.3650, 46.6551, -31.0151
Hunter-Lab	48.8205, 10.6965, -56.2401

Details

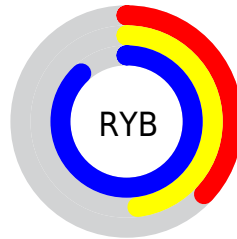
The XYZ color **26.2926, 23.8344, 74.4489** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **51.5323, 53.6638, 18.4703**, and the grayscale version is **21.2012, 22.3053, 24.2905**.

A 20% lighter version of the original color is **48.3099, 47.9570, 101.3182**, and **10.4347, 8.9200, 38.7079** is the 20% darker color. If you saturate the color by 10%, you get **22.2688, 18.7688, 73.6837**, and if you desaturate by 10%, it is **31.3427, 29.9485, 75.3634**.

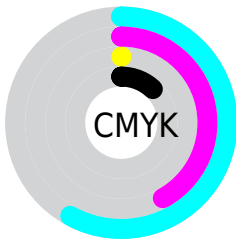
Distribution



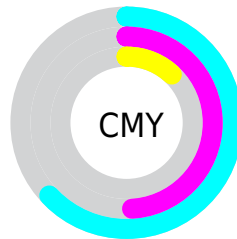
- Red (37%)
- Green (51%)
- Blue (88%)



- Red (37%)
- Yellow (48%)
- Blue (88%)



- Cyan (58%)
- Magenta (42%)
- Yellow (0%)
- Black (12%)



- Cyan (63%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2926, 23.8344, 74.4489 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 26.2926, 23.8344, 74.4489 by changing the saturation by 10% instead.

■ 26.2926, 23.8344,
74.4489

■ 26.2926, 23.8344,
74.4489

276.4459,
271.9822, 495.2260

■ 17.1765, 15.2108,
54.6625

■ 53.1745, 49.7598,
127.2719

■ 10.4565, 8.9675,
38.7348

■ 71.6711, 67.8305,
161.1455

■ 5.7672, 4.7200,
26.2472

■ 94.0252, 89.8189,
200.5520

■ 2.7434, 2.0839,
16.7813

■ 120.6021,
116.1096, 245.9099

■ 1.0196, 0.6556,
9.9184

151.7673,
147.0869, 297.6377

■ 0.0000, 0.0000,
5.2400

187.8861,

■ 0.0000, 0.0000,

183.1351, 356.1540

2.3275

229.3239,
224.6388, 421.8772

■ 0.0000, 0.0000,
0.7466

■ 0.0000, 0.0000,
0.0000

■ 26.2926, 23.8344,
74.4489

■ 26.2926, 23.8344,
74.4489

■ 22.2688, 18.7688,
73.6837

■ 31.3427, 29.9485,
75.3634

■ 19.1918, 14.6853,
73.0577

■ 37.4844, 37.1668,
76.4330

■ 16.9743, 11.5125,
72.5622

■ 44.7807, 45.5438,
77.6653

■ 15.4997, 9.1613,
72.1861

■ 53.2890, 55.1293,
79.0671

■ 15.2366, 8.7281,
72.1163

■ 63.0626, 65.9703,
80.6445

■ 74.1515, 78.1110,
82.4034

■ 86.6032, 91.5937,
84.3495

■ 90.5907, 98.2163,
85.4177

Harmonies

Analogous

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



20.0367, 23.8344, 75.5930



26.2926, 23.8344, 74.4489



32.5370, 23.8344, 57.1318

Triad

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



26.2926, 23.8344, 74.4489



31.8571, 23.8344, 8.1361



12.8944, 23.8344, 18.9037

Complementary

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



26.2926, 23.8344, 74.4489



51.5323, 53.6638, 18.4703

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.



15.0070, 23.8344, 8.8678



26.2926, 23.8344, 74.4489



25.4895, 23.8344, 4.8531

Square

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



26.2926, 23.8344, 74.4489



36.1305, 23.8344, 17.2510



19.3674, 23.8344, 5.0398



13.0301, 23.8344, 37.1741

Rectangle

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



26.2926, 23.8344, 74.4489



35.5155, 23.8344, 41.8916



19.3674, 23.8344, 5.0398



13.3460, 23.8344, 14.6752

Sweetspot

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



26.2936, 23.8352, 74.4495



71.5738, 74.1115, 105.1403



40.7408, 59.9222, 57.0915



14.7971, 15.2786, 22.4191



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.



26.2936, 23.8352, 74.4495



28.7927, 23.9126, 97.7058



25.8766, 17.8457, 73.3154



13.2507, 13.8406, 17.3608



8.8627, 5.1950, 41.5840



0.6873, 0.5061, 2.9067

Inverse Universe

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



39.1738, 25.8051, 24.0358



47.8324, 28.3763, 22.8357



51.9742, 66.5253, 20.9295



13.8580, 13.7608, 15.0225



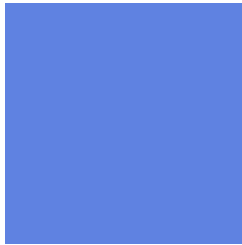
18.4137, 9.4325, 3.5783



1.3132, 0.6685, 0.4420

Previews

White Background



This preview shows how the XYZ color 26.2926, 23.8344, 74.4489 looks on a white background.

Color Contrast Check

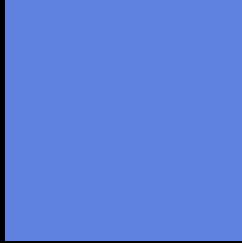
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2926, 23.8344, 74.4489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

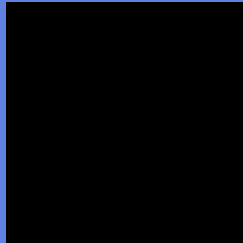
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2926, 23.8344, 74.4489

Background



This preview shows how black text looks on a background with the XYZ color 26.2926, 23.8344, 74.4489.



This preview shows how white text looks on a background with the XYZ color 26.2926, 23.8344,

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

26.2926, 23.8344, 74.4489

Protanopia

26.0874, 23.7287, 74.4393

Deuteranopia

24.5782, 23.7716, 73.8140



Tritanopia

18.5259, 23.8784, 35.5309

Trichromacy



Original Color

26.2926, 23.8344, 74.4489

Protanomaly

26.1893, 23.7812, 74.4441

Deuteranomaly

25.1503, 23.8623, 73.8013

Tritanomaly

20.8821, 23.7113, 47.7321

Monochromacy



Original Color

26.2926, 23.8344, 74.4489

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1103, 22.4638, 38.7679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2926, 23.8344, 74.4489 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(95, 130, 225)` looks like.

```
.text, #text, p{  
    color:rgb(95, 130, 225)  
}
```

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(95, 130, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 130, 225) }
```

Border

The CSS property to change the border of an element to XYZ 26.2926, 23.8344, 74.4489 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(95, 130, 225) }
```


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

```
.border{ border-color:rgb(95, 130, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 130, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 130, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 130, 225);  
box-shadow:4px 4px 4px 4px rgb(95, 130,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2926, 23.8344, 74.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 130, 225) }
```

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

```
.background{ background-color: rgb(95, 130,  
225) }
```

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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