

Converting Colors

XYZ(26.5842, 23.9972, 75.1985)

Have a look what the booklet for
XYZ(26.5842, 23.9972, 75.1985)
contains.

XYZ(26.5340, 23.9430, 75.1745)	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(26.5340, 23.9430,
75.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	6082E2
RGB	96, 130, 226
RGB Percent	38%, 51%, 89%
CMY	0.6235, 0.4902, 0.1137
CMYK	0.58, 0.42, 0.00, 0.11
HSL	224°, 69%, 63%
HSV	224°, 58%, 89%
XYZ	26.5340, 23.9430, 75.1745
YIQ	130.7780, -51.0800, 22.6480

Conversions

Conversions Part 2

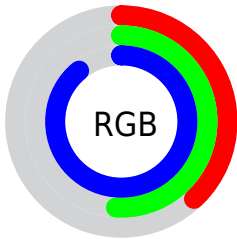
Format	Color
R _Y B	96, 123, 226
Decimal	6324962
CIE Lab	56.03, 16.30, -52.58
CIE LCh	56, 55.046, 287.230
Yxy	23.9430, 0.2112, 0.1906
Android (android.graphics.Color)	4284515042 (0xFF6082E2)
YUV	130.7780, 46.9444, -30.5003
Hunter-Lab	48.9316, 11.1644, -56.8362

Details

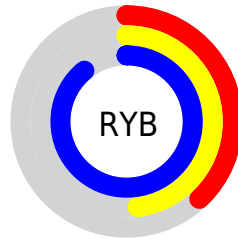
The XYZ color **26.5340, 23.9430, 75.1745** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **52.3270, 54.7158, 18.8713**, and the grayscale version is **21.3464, 22.4580, 24.4568**.

A 20% lighter version of the original color is **48.5011, 48.0555, 101.3271**, and **10.5748, 8.9813, 39.2064** is the 20% darker color. If you saturate the color by 10%, you get **22.4461, 18.8032, 74.3984**, and if you desaturate by 10%, it is **31.6673, 30.1568, 76.1038**.

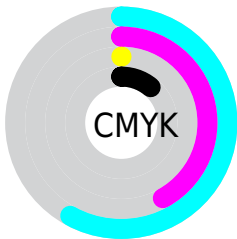
Distribution



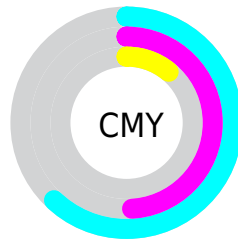
- Red (38%)
- Green (51%)
- Blue (89%)



- Red (38%)
- Yellow (48%)
- Blue (89%)



- Cyan (58%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5340, 23.9430, 75.1745 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 26.5340, 23.9430, 75.1745 by changing the saturation by 10% instead.

■ 26.5340, 23.9430,
75.1745

■ 26.5340, 23.9430,
75.1745

277.6026,
272.5322, 497.7885

■ 17.3583, 15.2913,
55.2533

■ 53.5604, 49.9372,
128.3087

■ 10.5872, 9.0241,
39.2046

■ 72.1418, 68.0485,
162.3588

■ 5.8552, 4.7569,
26.6098

■ 94.5891, 90.0818,
201.9555

■ 2.7971, 2.1054,
17.0506

■ 121.2678,
116.4215, 247.5175

■ 1.0474, 0.6676,
10.1082

152.5431,
147.4520, 299.4633

■ 0.0000, 0.0000,
5.3642

188.7804,

■ 0.0000, 0.0000,

183.5577, 358.2113

2.4001

230.3451,
225.1229, 424.1802

■ 0.0000, 0.0000,
0.7865

■ 0.0000, 0.0000,
0.0000

■ 26.5340, 23.9430,
75.1745

■ 26.5340, 23.9430,
75.1745

■ 22.4461, 18.8032,
74.3984

■ 31.6673, 30.1568,
76.1038

■ 19.3229, 14.6694,
73.7651

■ 37.9124, 37.5019,
77.1924

■ 17.0758, 11.4681,
73.2656

■ 45.3333, 46.0344,
78.4482

■ 15.5886, 9.1090,
72.8886

■ 53.9885, 55.8054,
79.8781

■ 15.2967, 8.6293,
72.8114

■ 63.9321, 66.8633,
81.4884

■ 75.2152, 79.2536,
83.2852

■ 87.8859, 93.0195,
85.2745

■ 90.7276, 98.2710,
86.1384

Harmonies

Analogous

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



20.1851, 23.9430, 76.5978



26.5340, 23.9430, 75.1745



32.8492, 23.9430, 57.4057

Triad

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



26.5340, 23.9430, 75.1745



32.0058, 23.9430, 8.0044



12.8759, 23.9430, 19.1336

Complementary

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



26.5340, 23.9430, 75.1745



52.3270, 54.7158, 18.8713

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.



14.9779, 23.9430, 8.9043



26.5340, 23.9430, 75.1745



25.5388, 23.9430, 4.7704

Square

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



26.5340, 23.9430, 75.1745



36.3863, 23.9430, 17.0909



19.3568, 23.9430, 4.9990



13.0433, 23.9430, 37.7450

Rectangle

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



26.5340, 23.9430, 75.1745



35.8419, 23.9430, 41.9198



19.3568, 23.9430, 4.9990



13.3214, 23.9430, 14.8231

Sweetspot

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



26.5350, 23.9438, 75.1751



71.4846, 73.9331, 105.1106



41.4622, 60.6567, 59.0068



14.7763, 15.2368, 22.4122



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.



26.5350, 23.9438, 75.1751



28.6201, 23.5673, 97.6482



26.5654, 18.3195, 74.0879



13.2420, 13.8232, 17.3579



8.8090, 5.0875, 41.5661



0.6826, 0.4966, 2.9051

Inverse Universe

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



39.5771, 26.1477, 24.0806



47.7452, 28.3414, 22.3767



51.9871, 66.9292, 21.2467



13.8536, 13.7591, 14.9994



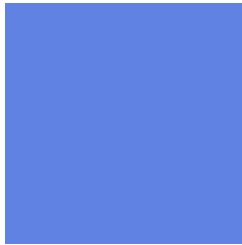
18.3866, 9.4216, 3.4355



1.3108, 0.6676, 0.4295

Previews

White Background



This preview shows how the XYZ color 26.5340, 23.9430, 75.1745 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 26.5340, 23.9430, 75.1745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

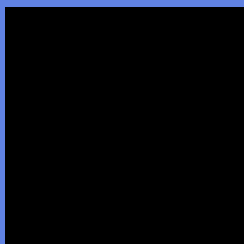
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5340, 23.9430, 75.1745

Background



This preview shows how black text looks on a background with the XYZ color 26.5340, 23.9430, 75.1745.

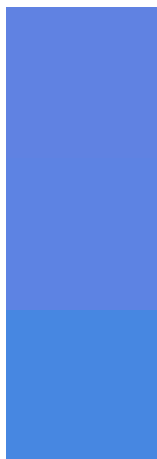


This preview shows how white text looks on a background with the XYZ color 26.5340, 23.9430,

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

26.5340, 23.9430, 75.1745

Protanopia

26.4956, 24.1058, 75.9295

Deuteranopia

24.8531, 24.1038, 74.5768



Tritanopia

18.5951, 23.9141, 35.5341

Trichromacy



Original Color

26.5340, 23.9430, 75.1745

Protanomaly

26.5975, 24.1583, 75.9342

Deuteranomaly

25.2864, 23.9168, 74.5178

Tritanomaly

20.9635, 23.7533, 47.7359

Monochromacy



Original Color

26.5340, 23.9430, 75.1745

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.4704, 22.8373, 39.3001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5340, 23.9430, 75.1745 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(96, 130, 226) looks like.

```
.text, #text, p{  
    color:rgb(96, 130, 226)  
}
```

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(96, 130, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 130, 226) }
```

Border

The CSS property to change the border of an element to XYZ 26.5340, 23.9430, 75.1745 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(96, 130, 226) }
```


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

```
.border{ border-color:rgb(96, 130, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 130, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 130, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 130, 226);  
box-shadow:4px 4px 4px 4px rgb(96, 130,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5340, 23.9430, 75.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 130, 226) }
```

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

```
.background{ background-color: rgb(96, 130,  
226) }
```

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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