

Converting Colors

XYZ(26.3309, 21.4032, 69.9683)

Have a look what the booklet for
XYZ(26.3309, 21.4032, 69.9683)
contains.

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Color

**XYZ(26.2340, 21.3183,
69.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	7474DB
RGB	116, 116, 219
RGB Percent	45%, 45%, 86%
CMY	0.5451, 0.5451, 0.1412
CMYK	0.47, 0.47, 0.00, 0.14
HSL	240°, 59%, 66%
HSV	240°, 47%, 86%
XYZ	26.2340, 21.3183, 69.7500
YIQ	127.7420, -33.0630, 32.0330

Conversions

Conversions Part 2

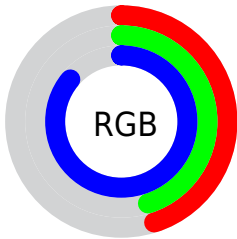
Format	Color
R _Y B	116, 116, 219
Decimal	7632091
CIE Lab	53.30, 26.86, -52.93
CIE LCh	53, 59.355, 296.901
Yxy	21.3183, 0.2236, 0.1817
Android (android.graphics.Color)	4285822171 (0xFF7474DB)
YUV	127.7420, 44.9902, -10.2977
Hunter-Lab	46.1717, 20.6201, -57.2471

Details

The XYZ color **26.2340, 21.3183, 69.7500** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **57.6972, 66.9842, 26.4119**, and the grayscale version is **20.2869, 21.3433, 23.2429**.

A 20% lighter version of the original color is **49.2862, 44.1095, 100.5241**, and **10.4229, 7.6781, 35.5830** is the 20% darker color. If you saturate the color by 10%, you get **21.4249, 15.5233, 68.8854**, and if you desaturate by 10%, it is **32.3260, 28.6584, 70.8461**.

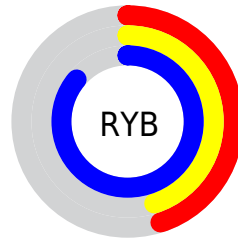
Distribution



Red (45%)

Green (45%)

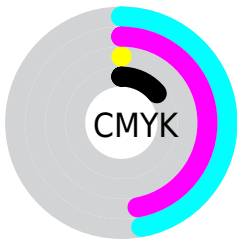
Blue (86%)



Red (45%)

Yellow (45%)

Blue (86%)

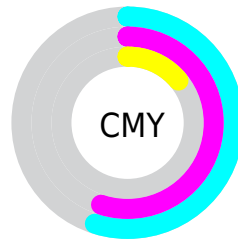


Cyan (47%)

Magenta (47%)

Yellow (0%)

Black (14%)



Cyan (55%)

Magenta (55%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2340, 21.3183, 69.7500 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 26.2340, 21.3183, 69.7500 by changing the saturation by 10% instead.

■ 26.2340, 21.3183,
69.7500

■ 26.2340, 21.3183,
69.7500

276.1646,
258.9653, 478.4371

■ 17.1324, 13.3569,
50.8472

■ 53.0808, 45.6167,
120.5299

■ 10.4248, 7.6747,
35.7111

■ 71.5567, 62.7224,
153.2442

■ 5.7459, 3.8875,
23.9233

■ 93.8881, 83.6450,
191.3993

■ 2.7304, 1.6109,
15.0650

120.4403,
108.7689, 235.4138

■ 1.0128, 0.3649,
8.7179

151.5787,
138.4785, 285.7063

■ 0.0000, 0.0000,
4.4634

187.6687,

■ 0.0000, 0.0000,

173.1582, 342.6954

1.8828

229.0755,
213.1923, 406.7994

■ 0.0000, 0.0000,
0.4818

■ 0.0000, 0.0000,
0.0000

■ 26.2340, 21.3183,
69.7500

■ 26.2340, 21.3183,
69.7500

■ 21.4249, 15.5233,
68.8854

■ 32.3260, 28.6584,
70.8461

■ 17.8045, 11.1610,
68.2342

■ 39.7807, 37.6409,
72.1870

■ 15.2703, 8.1075,
67.7783

■ 48.6746, 48.3575,
73.7868

■ 13.7012, 6.2168,
67.4961

■ 59.0777, 60.8927,
75.6580

■ 12.9383, 5.2976,
67.3589

■ 71.0556, 75.3253,
77.8125

■ 12.7863, 5.1145,
67.3316

■ 84.6698, 91.7297,
80.2613

■ 89.7863, 97.8945,
81.1816

Harmonies

Analogous

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



19.6164, 21.3183, 77.7263



26.2340, 21.3183, 69.7500



32.1599, 21.3183, 47.6923

Triad

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



26.2340, 21.3183, 69.7500



27.6005, 21.3183, 4.6190



10.4356, 21.3183, 21.3918

Complementary

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



26.2340, 21.3183, 69.7500



57.6972, 66.9842, 26.4119

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.



11.7341, 21.3183, 8.9820



26.2340, 21.3183, 69.7500



20.9224, 21.3183, 2.9705

Square

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



26.2340, 21.3183, 69.7500



33.0566, 21.3183, 10.8141



15.2736, 21.3183, 4.0105



11.2863, 21.3183, 42.6467

Rectangle

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



26.2340, 21.3183, 69.7500



34.4517, 21.3183, 31.9680



15.2736, 21.3183, 4.0105



10.6274, 21.3183, 16.2214

Sweetspot

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



26.2349, 21.3190, 69.7505



72.7638, 73.1465, 104.8914



45.3207, 59.4910, 76.1125



14.9226, 14.8709, 22.3338



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.



26.2349, 21.3190, 69.7505



30.5742, 22.3106, 97.3027



35.0744, 25.8759, 70.1642



12.3388, 12.6172, 16.4372



7.5816, 3.0327, 39.9242



0.4912, 0.1965, 2.5865

Inverse Universe

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



48.2452, 32.6658, 70.7791



65.1058, 40.1123, 98.9162



44.5267, 60.1946, 25.7955



13.6144, 13.2749, 16.4968



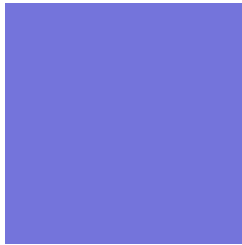
24.9034, 11.9624, 40.7330



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 26.2340, 21.3183, 69.7500 looks on a white background.

Color Contrast Check

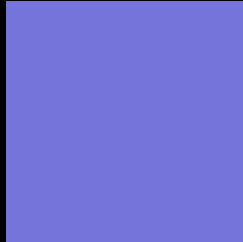
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2340, 21.3183, 69.7500 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 26.2340, 21.3183, 69.7500

Background



This preview shows how black text looks on a background with the XYZ color 26.2340, 21.3183, 69.7500.



This preview shows how white text looks on a background with the XYZ color 26.2340, 21.3183,

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

26.2340, 21.3183, 69.7500

Protanopia

24.0770, 21.5260, 74.8374

Deuteranopia

22.1004, 21.4203, 67.9355



Tritanopia

18.1409, 21.2216, 29.5256

Trichromacy



Original Color

26.2340, 21.3183, 69.7500

Protanomaly

24.5703, 21.2778, 72.6241

Deuteranomaly

23.2117, 21.2189, 68.5179

Tritanomaly

20.5336, 21.0026, 41.4997

Monochromacy



Original Color

26.2340, 21.3183, 69.7500

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.9529, 21.2736, 36.6674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2340, 21.3183, 69.7500 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(116, 116, 219)` looks like.

```
.text, #text, p{  
    color:rgb(116, 116, 219)  
}
```

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(116, 116, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 116, 219) }
```

Border

The CSS property to change the border of an element to XYZ 26.2340, 21.3183, 69.7500 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(116, 116, 219) }
```


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

```
.border{ border-color:rgb(116, 116, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 116, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 116, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 116, 219); box-shadow:4px 4px 4px 4px rgb(116, 116, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2340, 21.3183, 69.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 116, 219) }
```

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

```
.background{ background-color: rgb(116,  
116, 219) }
```

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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