

Converting Colors

XYZ(26.5523, 27.2507, 48.0623)

Have a look what the booklet for
XYZ(26.5523, 27.2507, 48.0623)
contains.

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Color

**XYZ(26.5781, 27.3074,
48.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8FB6
RGB	124, 143, 182
RGB Percent	49%, 56%, 71%
CMY	0.5137, 0.4392, 0.2863
CMYK	0.32, 0.21, 0.00, 0.29
HSL	220°, 28%, 60%
HSV	220°, 32%, 71%
XYZ	26.5781, 27.3074, 48.1260
YIQ	141.7650, -23.8430, 8.1010

Conversions

Conversions Part 2

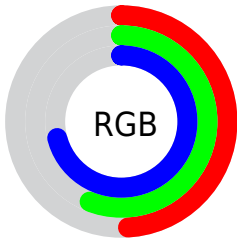
Format	Color
R_YB	124, 138, 182
Decimal	8163254
CIE Lab	59.26, 2.58, -22.59
CIE LCh	59, 22.739, 276.504
Yxy	27.3074, 0.2605, 0.2677
Android (android.graphics.Color)	4286353334 (0xFF7C8FB6)
YUV	141.7650, 19.8359, -15.5799
Hunter-Lab	52.2565, -0.6622, -18.0240

Details

The XYZ color **26.5781, 27.3074, 48.1260** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **36.0271, 37.5950, 24.4273**, and the grayscale version is **25.5499, 26.8805, 29.2729**.

A 20% lighter version of the original color is **53.7590, 55.5705, 88.7817**, and **10.6245, 10.8301, 22.2993** is the 20% darker color. If you saturate the color by 10%, you get **22.4488, 22.5991, 47.4353**, and if you desaturate by 10%, it is **31.3951, 32.6690, 48.9075**.

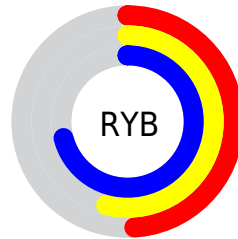
Distribution



Red (49%)

Green (56%)

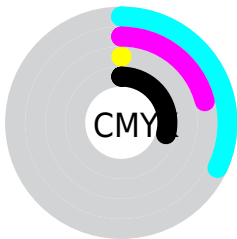
Blue (71%)



Red (49%)

Yellow (54%)

Blue (71%)

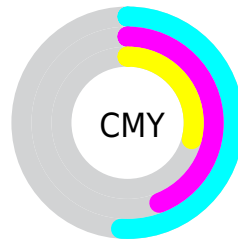


Cyan (32%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5781, 27.3074, 48.1260 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 26.5781, 27.3074, 48.1260 by changing the saturation by 10% instead.

■ 26.5781, 27.3074,
48.1260

■ 26.5781, 27.3074,
48.1260

277.8135,
289.1424, 395.8145

■ 17.3916, 17.8042,
33.5660

■ 53.6308, 55.3768,
88.7595

■ 10.6111, 10.8095,
22.2857

■ 72.2276, 74.7117,
115.6700

■ 5.8713, 5.9389,
13.8667

■ 94.6920, 98.0927,
147.5345

■ 2.8069, 2.8080,
7.8903

121.3892,
125.9042, 184.7714

■ 1.0525, 1.0323,
3.9381

152.6846,
158.5305, 227.7993

■ 0.0000, 0.0000,
1.5914

188.9435,

■ 0.0000, 0.0000,

196.3561, 277.0368

0.2847

230.5314,
239.7652, 332.9023

■ 0.0000, 0.0000,
0.0000

■ 26.5781, 27.3074,
48.1260

■ 26.5781, 27.3074,
48.1260

■ 22.4488, 22.5991,
47.4353

■ 31.3951, 32.6690,
48.9075

■ 18.9713, 18.5142,
46.8301

■ 36.9279, 38.7055,
49.7810

■ 16.1104, 15.0253,
46.3075

■ 43.2062, 45.4418,
50.7504

■ 13.8264, 12.1012,
45.8635

■ 50.2573, 52.9000,
51.8183

■ 12.0742, 9.7074,
45.4938

■ 58.1071, 61.1016,
52.9877

■ 10.8012, 7.8049,
45.1936

■ 66.7800, 70.0670,
54.2610

■ 10.0398, 6.5699,
44.9954

■ 76.2997, 79.8158,
55.6410

■ 81.1105, 87.4913,
56.8690

■ 84.8537, 94.9776,
58.1167

Harmonies

Analogous

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



23.8390, 27.3074, 46.4968



26.5781, 27.3074, 48.1260



29.3392, 27.3074, 44.1516

Triad

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



26.5781, 27.3074, 48.1260



30.5942, 27.3074, 21.3696



21.2640, 27.3074, 23.9262

Complementary

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



26.5781, 27.3074, 48.1260



36.0271, 37.5950, 24.4273

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.



22.8413, 27.3074, 18.8547



26.5781, 27.3074, 48.1260



28.1924, 27.3074, 17.5777

Square

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



26.5781, 27.3074, 48.1260



31.7645, 27.3074, 27.9972



25.3414, 27.3074, 16.7490



20.9006, 27.3074, 31.5393

Rectangle

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



26.5781, 27.3074, 48.1260



30.7780, 27.3074, 39.2213



25.3414, 27.3074, 16.7490



21.6639, 27.3074, 21.9136

Sweetspot

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



26.5790, 27.3085, 48.1266



68.7853, 72.1552, 90.5377



31.6218, 40.3740, 40.6209



14.8572, 15.5748, 19.9448



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5790, 27.3085, 48.1266



42.9810, 43.5983, 86.3857



25.4303, 22.8345, 47.3236



8.7550, 9.1872, 11.3913



7.1447, 4.7491, 31.7932



0.3099, 0.2836, 1.1401

Inverse Universe

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



31.4577, 26.3443, 29.4147



53.3056, 42.0647, 46.6729



37.4531, 43.7201, 25.5344



9.1227, 9.0594, 9.9934



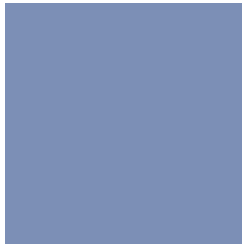
14.2200, 7.2618, 3.7794



0.5306, 0.2677, 0.2876

Previews

White Background



This preview shows how the XYZ color 26.5781, 27.3074, 48.1260 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 26.5781, 27.3074, 48.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

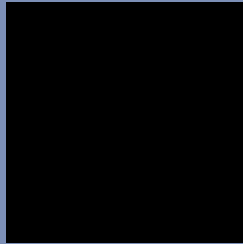
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5781, 27.3074, 48.1260

Background



This preview shows how black text looks on a background with the XYZ color 26.5781, 27.3074, 48.1260.



This preview shows how white text looks on a background with the XYZ color 26.5781, 27.3074,

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

26.5781, 27.3074, 48.1260

Protanopia

27.2788, 27.2506, 47.0022

Deuteranopia

27.9170, 27.3260, 48.6028



Tritanopia

24.2995, 27.2926, 36.7882

Trichromacy



Original Color

26.5781, 27.3074, 48.1260

Protanomaly

27.0668, 27.3493, 47.5684

Deuteranomaly

27.4322, 27.2939, 48.6222

Tritanomaly

25.1391, 27.4127, 40.5254

Monochromacy



Original Color

26.5781, 27.3074, 48.1260

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7505, 26.9312, 35.7393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5781, 27.3074, 48.1260 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(124, 143, 182)` looks like.

```
.text, #text, p{  
    color:rgb(124, 143, 182)  
}
```

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(124, 143, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 143, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.5781, 27.3074, 48.1260 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(124, 143, 182) }
```


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

```
.border{ border-color:rgb(124, 143, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 143, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 143, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 143, 182);  
box-shadow:4px 4px 4px 4px rgb(124, 143,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5781, 27.3074, 48.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 143, 182) }
```

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

```
.background{ background-color: rgb(124,  
143, 182) }
```

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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