

Converting Colors

XYZ(26.7540, 21.7828, 64.6903)

Have a look what the booklet for
XYZ(26.7540, 21.7828, 64.6903)
contains.

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Color

**XYZ(26.6074, 21.6296,
64.4006)**

Conversions

Conversions Part 1

Format	Color
Hex	7E74D3
RGB	126, 116, 211
RGB Percent	49%, 45%, 83%
CMY	0.5059, 0.5451, 0.1725
CMYK	0.40, 0.45, 0.00, 0.17
HSL	246°, 52%, 64%
HSV	246°, 45%, 83%
XYZ	26.6074, 21.6296, 64.4006
YIQ	129.8200, -24.5350, 31.6650

Conversions

Conversions Part 2

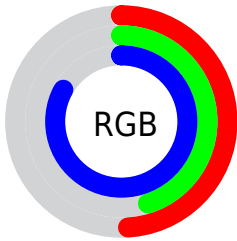
Format	Color
R _Y B	126, 116, 211
Decimal	8287443
CIE Lab	53.63, 26.95, -47.83
CIE LCh	54, 54.896, 299.397
Yxy	21.6296, 0.2362, 0.1920
Android (android.graphics.Color)	4286477523 (0xFF7E74D3)
YUV	129.8200, 40.0217, -3.3501
Hunter-Lab	46.5076, 20.7330, -49.5454

Details

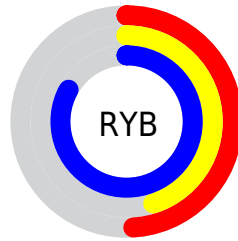
The XYZ color **26.6074, 21.6296, 64.4006** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **50.5344, 60.2674, 25.4931**, and the grayscale version is **21.0247, 22.1196, 24.0883**.

A 20% lighter version of the original color is **51.3440, 45.1703, 100.6204**, and **10.6664, 7.8741, 32.4102** is the 20% darker color. If you saturate the color by 10%, you get **21.9197, 16.0035, 63.5621**, and if you desaturate by 10%, it is **32.3744, 28.6327, 65.4488**.

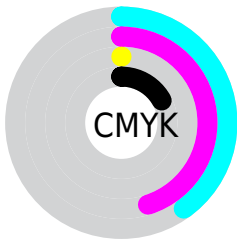
Distribution



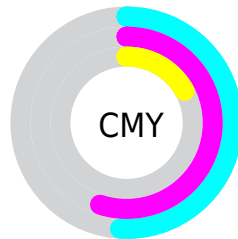
- Red (49%)
- Green (45%)
- Blue (83%)



- Red (49%)
- Yellow (45%)
- Blue (83%)



- Cyan (40%)
- Magenta (45%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (55%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6074, 21.6296, 64.4006 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 26.6074, 21.6296, 64.4006 by changing the saturation by 10% instead.

■ 26.6074, 21.6296,
64.4006

■ 26.6074, 21.6296,
64.4006

277.9535,
260.6058, 458.8820

■ 17.4136, 13.5850,
46.5270

■ 53.6776, 46.1330,
112.7927

■ 10.6270, 7.8326,
32.3102

■ 72.2847, 63.3607,
144.1482

■ 5.8820, 3.9880,
21.3318

■ 94.7603, 84.4181,
180.8347

■ 2.8135, 1.6669,
13.1731

121.4698,
109.6897, 223.2709

■ 1.0559, 0.4021,
7.4157

152.7785,
139.5598, 271.8751

■ 0.0000, 0.0000,
3.6411

189.0518,

■ 0.0000, 0.0000,

174.4130, 327.0660

1.4306

230.6550,
214.6335, 389.2621

■ 0.0000, 0.0000,
0.1654

■ 0.0000, 0.0000,
0.0000

■ 26.6074, 21.6296,
64.4006

■ 26.6074, 21.6296,
64.4006

■ 21.9197, 16.0035,
63.5621

■ 32.3744, 28.6327,
65.4488

■ 18.2413, 11.6611,
62.9178

■ 39.2799, 37.0931,
66.7179

■ 15.4979, 8.5010,
62.4525

■ 47.3816, 47.0880,
68.2201

■ 13.6034, 6.4055,
62.1479

■ 56.7326, 58.6880,
69.9662

■ 12.4556, 5.2321,
61.9819

■ 67.3829, 71.9597,
71.9666

■ 12.0935, 4.8762,
61.9323

■ 79.3797, 86.9657,
74.2308

■ 88.7580, 97.4832,
75.7665

Harmonies

Analogous

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



20.4397, 21.6296, 72.8784



26.6074, 21.6296, 64.4006



31.8764, 21.6296, 44.1239

Triad

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



26.6074, 21.6296, 64.4006



26.8525, 21.6296, 5.2523



11.2156, 21.6296, 23.2124

Complementary

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



26.6074, 21.6296, 64.4006



50.5344, 60.2674, 25.4931

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.



12.2972, 21.6296, 10.6354



26.6074, 21.6296, 64.4006



20.6773, 21.6296, 3.7657

Square

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



26.6074, 21.6296, 64.4006



32.0358, 21.6296, 10.9860



15.5034, 21.6296, 5.1282



12.2131, 21.6296, 43.2344

Rectangle

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



26.6074, 21.6296, 64.4006



33.7592, 21.6296, 30.0100



15.5034, 21.6296, 5.1282



11.3442, 21.6296, 18.0924

Sweetspot

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



26.6083, 21.6304, 64.4011



73.9092, 73.7369, 104.9450



39.9643, 50.4235, 69.2548



15.1968, 15.0123, 22.3466



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.



26.6083, 21.6304, 64.4011



33.9301, 24.9017, 97.6259



35.2375, 26.0789, 64.8050



11.2775, 11.4764, 14.8644



7.3401, 2.9642, 37.3778



0.4505, 0.1864, 2.0918

Inverse Universe

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



43.6524, 30.5574, 58.8558



63.4395, 40.3739, 87.2805



39.7737, 54.7201, 24.9895



12.2549, 11.9867, 14.6183



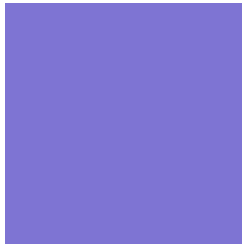
21.7645, 10.5786, 29.9956



1.2327, 0.5978, 1.7602

Previews

White Background



This preview shows how the XYZ color 26.6074, 21.6296, 64.4006 looks on a white background.

Color Contrast Check

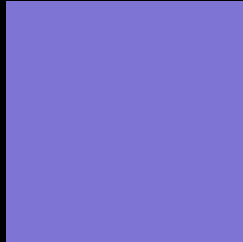
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6074, 21.6296, 64.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

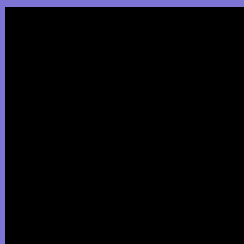
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6074, 21.6296, 64.4006

Background



This preview shows how black text looks on a background with the XYZ color 26.6074, 21.6296, 64.4006.



This preview shows how white text looks on a background with the XYZ color 26.6074, 21.6296,

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

26.6074, 21.6296, 64.4006

Protanopia

24.0503, 21.8079, 69.9596

Deuteranopia

22.4599, 21.9168, 62.7211



Tritanopia

19.4404, 21.7067, 28.7564

Trichromacy



Original Color

26.6074, 21.6296, 64.4006

Protanomaly

24.7210, 21.6436, 67.8404

Deuteranomaly

23.5401, 21.5055, 63.2319

Tritanomaly

21.5061, 21.3566, 39.5480

Monochromacy



Original Color

26.6074, 21.6296, 64.4006

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6449, 21.8376, 35.8224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6074, 21.6296, 64.4006 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(126, 116, 211)` looks like.

```
.text, #text, p{  
    color:rgb(126, 116, 211)  
}
```

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(126, 116, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 116, 211) }
```

Border

The CSS property to change the border of an element to XYZ 26.6074, 21.6296, 64.4006 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(126, 116, 211) }
```


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

```
.border{ border-color:rgb(126, 116, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 116, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 116, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 116, 211);  
box-shadow:4px 4px 4px 4px rgb(126, 116,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6074, 21.6296, 64.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 116, 211) }
```

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

```
.background{ background-color: rgb(126,  
116, 211) }
```

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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