

Converting Colors

XYZ(26.1463, 24.6349, 67.5817)

Have a look what the booklet for
XYZ(26.1463, 24.6349, 67.5817)
contains.

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Color

**XYZ(26.2703, 24.7813,
67.6886)**

Conversions

Conversions Part 1

Format	Color
Hex	6686D7
RGB	102, 134, 215
RGB Percent	40%, 53%, 84%
CMY	0.6000, 0.4745, 0.1569
CMYK	0.53, 0.38, 0.00, 0.16
HSL	223°, 59%, 62%
HSV	223°, 53%, 84%
XYZ	26.2703, 24.7813, 67.6886
YIQ	133.6660, -45.0730, 18.4070

Conversions

Conversions Part 2

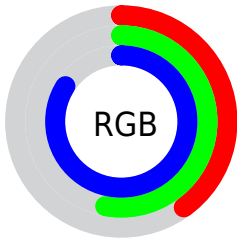
Format	Color
RYB	102, 127, 215
Decimal	6719191
CIELab	56.86, 11.64, -45.07
CIELCh	57, 46.547, 284.477
Yxy	24.7813, 0.2212, 0.2087
Android (android.graphics.Color)	4284909271 (0xFF6686D7)
YUV	133.6660, 40.0977, -27.7711
Hunter-Lab	49.7808, 7.0815, -45.7720

Details

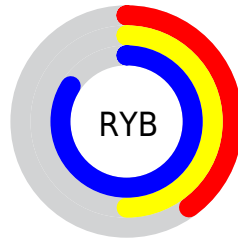
The XYZ color **26.2703, 24.7813, 67.6886** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **47.3573, 49.2750, 19.5867**, and the grayscale version is **22.4080, 23.5750, 25.6732**.

A 20% lighter version of the original color is **50.1184, 50.1316, 101.6426**, and **10.4687, 9.4862, 34.5370** is the 20% darker color. If you saturate the color by 10%, you get **22.1650, 19.7302, 66.9305**, and if you desaturate by 10%, it is **31.3197, 30.7807, 68.5810**.

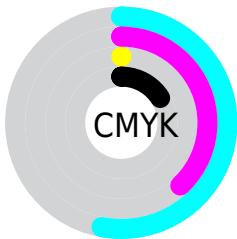
Distribution



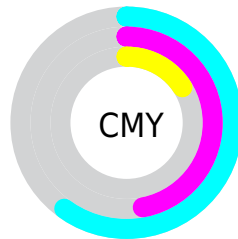
- Red (40%)
- Green (53%)
- Blue (84%)



- Red (40%)
- Yellow (50%)
- Blue (84%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2703, 24.7813, 67.6886 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 26.2703, 24.7813, 67.6886 by changing the saturation by 10% instead.

■ 26.2703, 24.7813,
67.6886

■ 26.2703, 24.7813,
67.6886

276.3389,
276.7470, 470.9600

■ 17.1597, 15.9142,
49.1793

■ 53.1389, 51.3022,
117.5565

■ 10.4444, 9.4635,
34.3952

■ 71.6276, 69.7248,
149.7523

■ 5.7591, 5.0447,
22.9175

■ 93.9730, 92.1013,
187.3473

■ 2.7384, 2.2735,
14.3279

■ 120.5406,
118.8162, 230.7601

■ 1.0170, 0.7596,
8.2077

151.6956,
150.2538, 280.4092

■ 0.0000, 0.0000,
4.1385

187.8034,

■ 0.0000, 0.0000,

186.7986, 336.7132

1.7016

229.2294,
228.8348, 400.0906

■ 0.0000, 0.0000,
0.3618

■ 0.0000, 0.0000,
0.0000

■ 26.2703, 24.7813,
67.6886

■ 26.2703, 24.7813,
67.6886

■ 22.1650, 19.7302,
66.9305

■ 31.3197, 30.7807,
68.5810

■ 18.9377, 15.5723,
66.2981

■ 37.3675, 37.7740,
69.6121

■ 16.5176, 12.2502,
65.7844

■ 44.4671, 45.8066,
70.7883

■ 14.8199, 9.6972,
65.3811

■ 52.6671, 54.9203,
72.1152

■ 13.9283, 8.2312,
65.1451

■ 62.0130, 65.1545,
73.5981

■ 72.5478, 76.5466,
75.2417

■ 84.3119, 89.1322,
77.0509

■ 89.2658, 97.6863,
78.4410

Harmonies

Analogous

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



20.8609, 24.7813, 67.4275



26.2703, 24.7813, 67.6886



31.6798, 24.7813, 54.5405

Triad

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



26.2703, 24.7813, 67.6886



31.8447, 24.7813, 10.9516



14.8354, 24.7813, 19.7255

Complementary

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



26.2703, 24.7813, 67.6886



47.3573, 49.2750, 19.5867

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.



16.9519, 24.7813, 10.7409



26.2703, 24.7813, 67.6886



26.4692, 24.7813, 7.1728

Square

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



26.2703, 24.7813, 67.6886



35.2190, 24.7813, 20.1574



21.0315, 24.7813, 7.1144



14.7991, 24.7813, 35.1970

Rectangle

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



26.2703, 24.7813, 67.6886



34.3252, 24.7813, 42.0788



21.0315, 24.7813, 7.1144



15.3107, 24.7813, 16.0128

Sweetspot

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



26.2713, 24.7822, 67.6892



72.9693, 75.8049, 105.3937



38.3264, 54.8446, 53.3577



15.0790, 15.6262, 22.4714



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.



26.2713, 24.7822, 67.6892



32.0570, 28.3281, 98.3860



25.6939, 18.8828, 66.5810



12.0261, 12.5756, 15.7310



8.4089, 5.0797, 38.9904



0.5773, 0.4467, 2.3751

Inverse Universe

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



37.0796, 25.6722, 25.5559



49.9958, 31.2166, 28.1400



48.0640, 60.5746, 21.7305



12.5664, 12.4781, 13.6568



17.3033, 8.8576, 3.6353



1.0791, 0.5484, 0.4057

Previews

White Background



This preview shows how the XYZ color 26.2703, 24.7813, 67.6886 looks on a white background.

Color Contrast Check

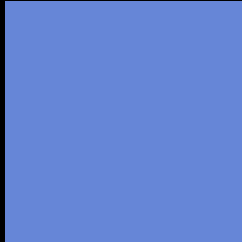
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2703, 24.7813, 67.6886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

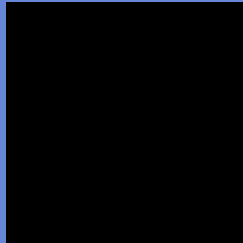
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2703, 24.7813, 67.6886

Background



This preview shows how black text looks on a background with the XYZ color 26.2703, 24.7813, 67.6886.



This preview shows how white text looks on a background with the XYZ color 26.2703, 24.7813,

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

26.2703, 24.7813, 67.6886

Protanopia

26.4690, 24.6943, 66.9897

Deuteranopia

25.5841, 24.8418, 67.7365



Tritanopia

19.9301, 24.8202, 36.0881

Trichromacy



Original Color

26.2703, 24.7813, 67.6886

Protanomaly

26.3508, 24.6334, 66.9842

Deuteranomaly

25.7536, 24.7210, 67.7043

Tritanomaly

21.9295, 24.7245, 46.2643

Monochromacy



Original Color

26.2703, 24.7813, 67.6886

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1620, 23.8321, 38.0296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2703, 24.7813, 67.6886 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(102, 134, 215)` looks like.

```
.text, #text, p{  
    color:rgb(102, 134, 215)  
}
```

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(102, 134, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 134, 215) }
```

Border

The CSS property to change the border of an element to XYZ 26.2703, 24.7813, 67.6886 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(102, 134, 215) }
```


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

```
.border{ border-color:rgb(102, 134, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 134, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 134, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 134, 215);  
box-shadow:4px 4px 4px 4px rgb(102, 134,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2703, 24.7813, 67.6886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 134, 215) }
```

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

```
.background{ background-color: rgb(102,  
134, 215) }
```

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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