

Converting Colors

XYZ(26.4346, 27.4367, 58.1465)

Have a look what the booklet for
XYZ(26.4346, 27.4367, 58.1465)
contains.

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Color

**XYZ(26.3781, 27.4385,
57.9387)**

Conversions

Conversions Part 1

Format	Color
Hex	6A91C7
RGB	106, 145, 199
RGB Percent	42%, 57%, 78%
CMY	0.5843, 0.4314, 0.2196
CMYK	0.47, 0.27, 0.00, 0.22
HSL	215°, 45%, 60%
HSV	215°, 47%, 78%
XYZ	26.3781, 27.4385, 57.9387
YIQ	139.4950, -40.5780, 8.5260

Conversions

Conversions Part 2

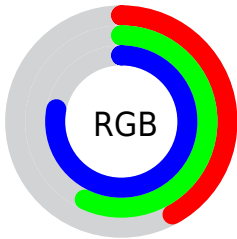
Format	Color
R_{YB}	106, 133, 199
Decimal	6984135
CIE _{Lab}	59.38, 1.24, -32.11
CIE _{LCh}	59, 32.130, 272.204
Yxy	27.4385, 0.2360, 0.2455
Android (android.graphics.Color)	4285174215 (0xFF6A91C7)
YUV	139.4950, 29.3360, -29.3751
Hunter-Lab	52.3818, -1.7801, -28.9125

Details

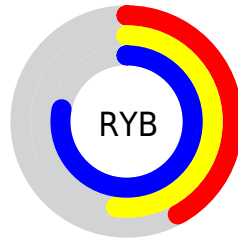
The XYZ color **26.3781, 27.4385, 57.9387** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.7265, 38.3256, 18.9934**, and the grayscale version is **24.6338, 25.9167, 28.2233**.

A 20% lighter version of the original color is **53.1714, 55.6439, 102.5457**, and **10.5184, 10.9069, 28.3389** is the 20% darker color. If you saturate the color by 10%, you get **22.6052, 23.0047, 57.2823**, and if you desaturate by 10%, it is **30.8812, 32.5164, 58.6820**.

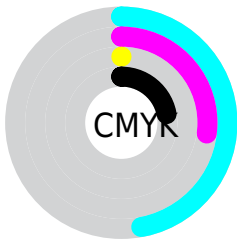
Distribution



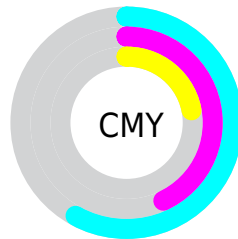
- Red (42%)
- Green (57%)
- Blue (78%)



- Red (42%)
- Yellow (52%)
- Blue (78%)



- Cyan (47%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (43%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3781, 27.4385, 57.9387 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 26.3781, 27.4385, 57.9387 by changing the saturation by 10% instead.

■ 26.3781, 27.4385,
57.9387

■ 26.3781, 27.4385,
57.9387

276.8560,
289.7740, 434.5494

■ 17.2409, 17.9028,
41.3450

■ 53.3113, 55.5867,
103.3475

■ 10.5027, 10.8802,
28.2670

■ 71.8379, 74.9681,
132.9996

■ 5.7984, 5.9864,
18.2863

■ 94.2251, 98.4001,
167.8417

■ 2.7623, 2.8368,
10.9841

■ 120.8381,
126.2671, 208.2922

■ 1.0294, 1.0471,
5.9421

152.0423,
158.9537, 254.7697

■ 0.0000, 0.0000,
2.7417

188.2032,

■ 0.0000, 0.0000,

196.8441, 307.6927

0.9643

229.6860,
240.3227, 367.4797

■ 0.0000, 0.0000,
0.0000

■ 26.3781, 27.4385,
57.9387

■ 26.3781, 27.4385,
57.9387

■ 22.6052, 23.0047,
57.2823

■ 30.8812, 32.5164,
58.6820

■ 19.5158, 19.1815,
56.7071

■ 36.1517, 38.2634,
59.5135

■ 17.0618, 15.9363,
56.2101

■ 42.2272, 44.7071,
60.4370

■ 15.1865, 13.2310,
55.7867

■ 49.1421, 51.8720,
61.4556

■ 13.8169, 11.0188,
55.4319

■ 56.9287, 59.7815,
62.5718

■ 13.4367, 10.3792,
55.3285

■ 65.6175, 68.4579,
63.7886

■ 75.2374, 77.9226,
65.1085

■ 81.9614, 86.2086,
66.3534

■ 85.4239, 93.1335,
67.5076

Harmonies

Analogous

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



22.6352, 27.4385, 54.0770



26.3781, 27.4385, 57.9387



30.4239, 27.4385, 52.8215

Triad

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



26.3781, 27.4385, 57.9387



33.1894, 27.4385, 19.5545



19.8164, 27.4385, 20.6882

Complementary

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



26.3781, 27.4385, 57.9387



38.7265, 38.3256, 18.9934

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.



22.1696, 27.4385, 14.7750



26.3781, 27.4385, 57.9387



29.8565, 27.4385, 14.2486

Square

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



26.3781, 27.4385, 57.9387



34.6001, 27.4385, 29.0319



25.7831, 27.4385, 12.7534



19.0869, 27.4385, 30.7360

Rectangle

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



26.3781, 27.4385, 57.9387



32.6835, 27.4385, 45.6175



25.7831, 27.4385, 12.7534



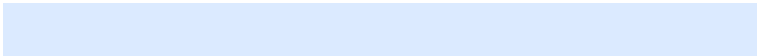
20.4309, 27.4385, 18.2495

Sweetspot

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



26.3791, 27.4395, 57.9394



76.8537, 81.3265, 106.2547



32.6002, 46.4046, 39.9044



15.9075, 16.8408, 22.6621



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.



26.3791, 27.4395, 57.9394



39.5259, 40.2144, 100.2867



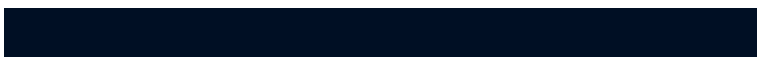
22.1715, 17.8907, 56.3180



10.4161, 11.0062, 13.4929



8.7225, 6.8389, 35.6047



0.4843, 0.4664, 1.7096

Inverse Universe

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



33.8189, 24.4956, 29.7347



54.5106, 35.8743, 43.1228



44.9670, 53.1993, 21.5354



10.8153, 10.7095, 12.0106



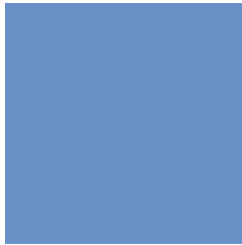
16.2020, 8.2304, 6.2738



0.8031, 0.4041, 0.4865

Previews

White Background



This preview shows how the XYZ color 26.3781, 27.4385, 57.9387 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 26.3781, 27.4385, 57.9387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

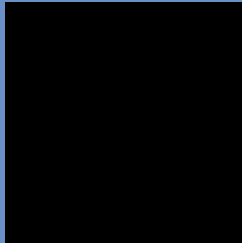
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

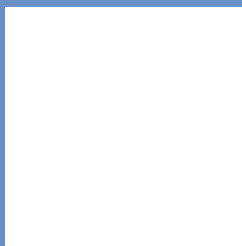
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3781, 27.4385, 57.9387

Background



This preview shows how black text looks on a background with the XYZ color 26.3781, 27.4385, 57.9387.

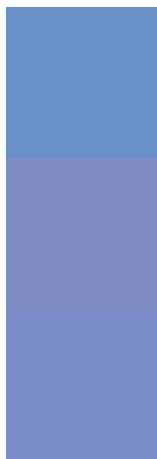


This preview shows how white text looks on a background with the XYZ color 26.3781, 27.4385,

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

26.3781, 27.4385, 57.9387

Protanopia

28.0929, 27.4709, 56.0463

Deuteranopia

27.9762, 27.3575, 58.4496



Tritanopia

22.7529, 27.6236, 39.2546

Trichromacy



Original Color

26.3781, 27.4385, 57.9387

Protanomaly

27.3588, 27.2992, 56.6506

Deuteranomaly

27.3008, 27.2291, 58.4604

Tritanomaly

23.9388, 27.3785, 45.6179

Monochromacy



Original Color

26.3781, 27.4385, 57.9387

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.7103, 26.1350, 37.4604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3781, 27.4385, 57.9387 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(106, 145, 199)` looks like.

```
.text, #text, p{  
    color:rgb(106, 145, 199)  
}
```

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(106, 145, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 145, 199) }
```

Border

The CSS property to change the border of an element to XYZ 26.3781, 27.4385, 57.9387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

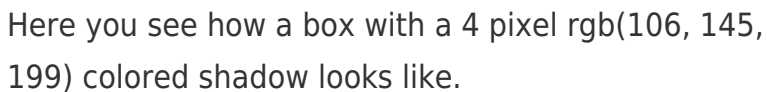
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 145, 199) }
```


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

```
.border{ border-color:rgb(106, 145, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 145, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 145, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 145, 199); box-shadow:4px 4px 4px 4px rgb(106, 145, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3781, 27.4385, 57.9387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 145, 199) }
```

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

```
.background{ background-color: rgb(106,  
145, 199) }
```

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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