

Converting Colors

XYZ(25.0992, 26.1806, 67.4828)

Have a look what the booklet for
XYZ(25.0992, 26.1806, 67.4828)
contains.

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Color

**XYZ(25.0206, 26.0777,
67.3331)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8FD6
RGB	77, 143, 214
RGB Percent	30%, 56%, 84%
CMY	0.6980, 0.4392, 0.1608
CMYK	0.64, 0.33, 0.00, 0.16
HSL	211°, 63%, 57%
HSV	211°, 64%, 84%
XYZ	25.0206, 26.0777, 67.3331
YIQ	131.3600, -62.1270, 8.0890

Conversions

Conversions Part 2

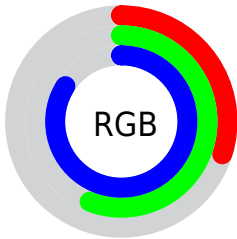
Format	Color
R_{YB}	77, 122, 214
Decimal	5083094
CIE _{Lab}	58.11, 1.00, -42.62
CIE _{LCh}	58, 42.628, 271.350
Yxy	26.0777, 0.2113, 0.2202
Android (android.graphics.Color)	4283273174 (0xFF4D8FD6)
YUV	131.3600, 40.7415, -47.6737
Hunter-Lab	51.0663, -1.9077, -42.4299

Details

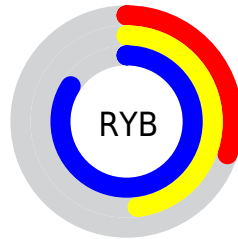
The XYZ color **25.0206, 26.0777, 67.3331** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **39.6626, 36.0141, 11.8835**, and the grayscale version is **21.5779, 22.7016, 24.7220**.

A 20% lighter version of the original color is **48.2712, 52.1031, 102.1205**, and **10.1724, 10.3319, 34.2590** is the 20% darker color. If you saturate the color by 10%, you get **21.9859, 22.1629, 66.7379**, and if you desaturate by 10%, it is **28.7897, 30.6163, 68.0110**.

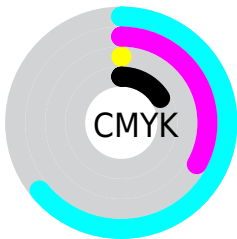
Distribution



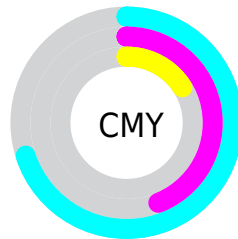
- Red (30%)
- Green (56%)
- Blue (84%)



- Red (30%)
- Yellow (48%)
- Blue (84%)



- Cyan (64%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0206, 26.0777, 67.3331 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 25.0206, 26.0777, 67.3331 by changing the saturation by 10% instead.

■ 25.0206, 26.0777,
67.3331

■ 25.0206, 26.0777,
67.3331

270.2863,
283.1633, 469.6633

■ 16.2212, 16.8818,
48.8921

■ 51.1333, 53.4003,
117.0428

■ 9.7727, 10.1502,
34.1689

■ 69.1773, 72.2957,
149.1485

■ 5.3096, 5.4987,
22.7450

■ 91.0336, 95.1931,
186.6462

■ 2.4666, 2.5427,
14.2018

■ 117.0675,
122.4769, 229.9544

■ 0.8785, 0.8980,
8.1208

147.6443,
154.5314, 279.4917

■ 0.0000, 0.0000,
4.0835

183.1295,

■ 0.0000, 0.0000,

191.7410, 335.6765

1.6712

223.8884,
234.4902, 398.9276

■ 0.0000, 0.0000,
0.3409

■ 0.0000, 0.0000,
0.0000

■ 25.0206, 26.0777,
67.3331

■ 25.0206, 26.0777,
67.3331

■ 21.9859, 22.1629,
66.7379

■ 28.7897, 30.6163,
68.0110

■ 19.6197, 18.8297,
66.2193

■ 33.3451, 35.8110,
68.7736

■ 17.8476, 16.0326,
65.7728

■ 38.7368, 41.6945,
69.6251

■ 16.9970, 14.5737,
65.5360

■ 45.0097, 48.2962,
70.5687

■ 52.2054, 55.6436,
71.6076

■ 60.3623, 63.7624,
72.7448

■ 69.5168, 72.6769,
73.9830

■ 79.7034, 82.4106,
75.3249

■ 85.3746, 90.1088,
76.5119

Harmonies

Analogous

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



20.3264, 26.0777, 61.3466



25.0206, 26.0777, 67.3331



30.3153, 26.0777, 60.2344

Triad

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



25.0206, 26.0777, 67.3331



34.2626, 26.0777, 16.0270



17.0581, 26.0777, 16.8322

Complementary

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



25.0206, 26.0777, 67.3331



39.6626, 36.0141, 11.8835

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.



19.9737, 26.0777, 10.3829



25.0206, 26.0777, 67.3331



29.8545, 26.0777, 10.0442

Square

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



25.0206, 26.0777, 67.3331



36.0883, 26.0777, 27.7299



24.5530, 26.0777, 8.4060



16.1306, 26.0777, 29.0690

Rectangle

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



25.0206, 26.0777, 67.3331



33.3712, 26.0777, 50.0980



24.5530, 26.0777, 8.4060



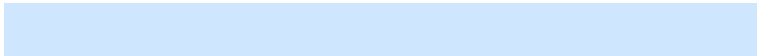
17.8162, 26.0777, 14.0867

Sweetspot

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



25.0216, 26.0786, 67.3338



71.9228, 76.9531, 105.6704



32.4364, 51.8030, 36.2182



14.7469, 15.8068, 22.5237



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.



25.0216, 26.0786, 67.3338



31.2632, 30.9997, 98.9435



18.0408, 11.8387, 64.9531



12.2313, 12.9860, 15.7994



10.3767, 9.0151, 39.6463



0.7085, 0.7090, 2.4188

Inverse Universe

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



35.3442, 21.5883, 28.2914



48.5555, 26.6599, 32.8269



52.4566, 62.5846, 16.3378



12.6700, 12.5195, 14.2022



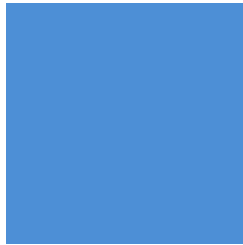
18.2965, 9.2549, 8.8655



1.1453, 0.5749, 0.7544

Previews

White Background



This preview shows how the XYZ color 25.0206, 26.0777, 67.3331 looks on a white background.

Color Contrast Check

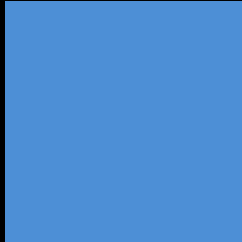
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0206, 26.0777, 67.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

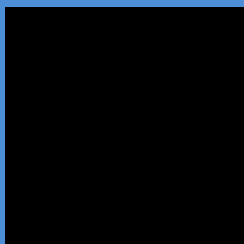
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

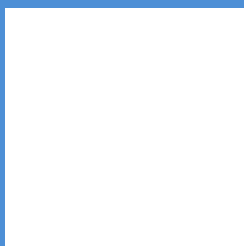
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0206, 26.0777, 67.3331

Background



This preview shows how black text looks on a background with the XYZ color 25.0206, 26.0777, 67.3331.

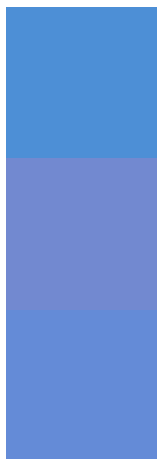


This preview shows how white text looks on a background with the XYZ color 25.0206, 26.0777,

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

25.0206, 26.0777, 67.3331

Protanopia

27.2703, 26.0228, 63.2601

Deuteranopia

26.7539, 26.0809, 67.9140



Tritanopia

19.5480, 26.2029, 39.6247

Trichromacy



Original Color

25.0206, 26.0777, 67.3331

Protanomaly

26.2323, 25.8851, 64.5865

Deuteranomaly

26.0575, 25.9378, 67.9231

Tritanomaly

21.1582, 25.8744, 48.6789

Monochromacy



Original Color

25.0206, 26.0777, 67.3331

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6525, 23.2807, 37.0706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0206, 26.0777, 67.3331 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(77, 143, 214)` looks like.

```
.text, #text, p{  
    color:rgb(77, 143, 214)  
}
```

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(77, 143, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 143, 214) }
```

Border

The CSS property to change the border of an element to XYZ 25.0206, 26.0777, 67.3331 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(77, 143, 214) }
```


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

```
.border{ border-color:rgb(77, 143, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 143, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 143, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 143, 214);  
box-shadow:4px 4px 4px 4px rgb(77, 143,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0206, 26.0777, 67.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 143, 214) }
```

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

```
.background{ background-color: rgb(77, 143,  
214) }
```

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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