

Converting Colors

XYZ(25.0768, 21.5622, 85.7904)

Have a look what the booklet for
XYZ(25.0768, 21.5622, 85.7904)
contains.

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Color

**XYZ(25.1401, 21.6406,
86.0711)**

Conversions

Conversions Part 1

Format	Color
Hex	417BF1
RGB	65, 123, 241
RGB Percent	25%, 48%, 95%
CMY	0.7451, 0.5176, 0.0549
CMYK	0.73, 0.49, 0.00, 0.05
HSL	220°, 86%, 60%
HSV	220°, 73%, 95%
XYZ	25.1401, 21.6406, 86.0711
YIQ	119.1100, -72.4460, 24.4020

Conversions

Conversions Part 2

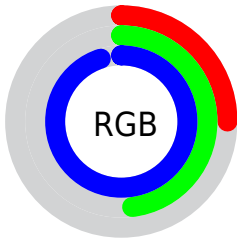
Format	Color
R _Y B	65, 109, 241
Decimal	4291569
CIE Lab	53.64, 20.77, -64.85
CIE LCh	54, 68.094, 287.758
Yxy	21.6406, 0.1892, 0.1629
Android (android.graphics.Color)	4282481649 (0xFF417BF1)
YUV	119.1100, 60.0918, -47.4545
Hunter-Lab	46.5195, 15.0561, -77.1358

Details

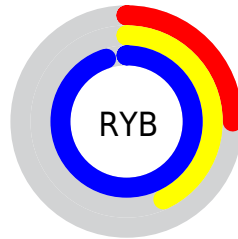
The XYZ color **25.1401, 21.6406, 86.0711** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **54.1664, 52.9547, 12.3693**, and the grayscale version is **17.4031, 18.3094, 19.9389**.

A 20% lighter version of the original color is **43.2115, 42.9483, 100.6201**, and **11.1678, 8.4928, 46.3981** is the 20% darker color. If you saturate the color by 10%, you get **22.0294, 17.3029, 85.3983**, and if you desaturate by 10%, it is **29.2636, 26.9918, 86.8872**.

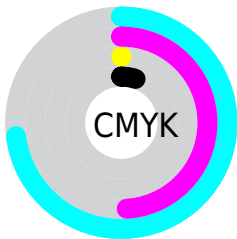
Distribution



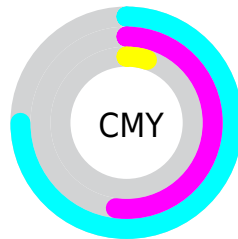
- Red (25%)
- Green (48%)
- Blue (95%)



- Red (25%)
- Yellow (43%)
- Blue (95%)



- Cyan (73%)
- Magenta (49%)
- Yellow (0%)
- Black (5%)



- Cyan (75%)
- Magenta (52%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1401, 21.6406, 86.0711 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 25.1401, 21.6406, 86.0711 by changing the saturation by 10% instead.

■ 25.1401, 21.6406,
86.0711

■ 25.1401, 21.6406,
86.0711

270.8697,
260.6636, 535.4024

■ 16.3108, 13.5931,
64.1715

■ 51.3257, 46.1513,
143.7561

■ 9.8366, 7.8382,
46.3426

■ 69.4126, 63.3832,
180.3787

■ 5.3522, 3.9916,
32.1656

■ 91.3161, 84.4453,
222.7459

■ 2.4922, 1.6689,
21.2222

■ 117.4016,
109.7221, 271.2765

■ 0.8913, 0.4034,
13.0937

148.0343,
139.5980, 326.3889

■ 0.0000, 0.0000,
7.3616

183.5796,

■ 0.0000, 0.0000,

174.4572, 388.5016

3.6074

224.4030,
214.6843, 458.0333

■ 0.0000, 0.0000,
1.4125

■ 0.0000, 0.0000,
0.1515

■ 25.1401, 21.6406,
86.0711

■ 25.1401, 21.6406,
86.0711

■ 22.0294, 17.3029,
85.3983

■ 29.2636, 26.9918,
86.8872

■ 19.8191, 13.8964,
84.8573

■ 34.4892, 33.4247,
87.8534

■ 18.7029, 12.0022,
84.5505

■ 40.8984, 41.0024,
88.9783

■ 48.5642, 49.7824,
90.2689

■ 57.5531, 59.8179,
91.7322

■ 67.9268, 71.1585,
93.3744

■ 79.7430, 83.8514,
95.2016

■ 92.0135, 97.4034,
97.1707

■ 92.8773, 99.1309,
97.4586

Harmonies

Analogous

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



17.7412, 21.6406, 88.4612



25.1401, 21.6406, 86.0711



32.7688, 21.6406, 62.0920

Triad

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



25.1401, 21.6406, 86.0711



31.4866, 21.6406, 4.6015



9.6980, 21.6406, 16.0439

Complementary

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



25.1401, 21.6406, 86.0711



54.1664, 52.9547, 12.3693

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.



11.8491, 21.6406, 5.5821



25.1401, 21.6406, 86.0711



23.6818, 21.6406, 2.0876

Square

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



25.1401, 21.6406, 86.0711



36.9864, 21.6406, 13.3292



16.5881, 21.6406, 2.2924



9.9107, 21.6406, 38.0262

Rectangle

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



25.1401, 21.6406, 86.0711



36.4353, 21.6406, 42.2270



16.5881, 21.6406, 2.2924



10.1427, 21.6406, 11.4132

Sweetspot

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



25.1411, 21.6412, 86.0717



66.4889, 69.1729, 104.4551



42.1147, 67.4266, 55.2342



13.5949, 14.1025, 22.2555



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.



25.1411, 21.6412, 86.0717



23.6080, 17.5148, 96.7442



22.4197, 12.5308, 84.4566



15.3227, 16.0795, 20.0177



10.2518, 6.7279, 45.8862



0.9405, 0.7350, 3.8465

Inverse Universe

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



41.7420, 23.9130, 21.1547



44.2458, 23.2297, 15.3928



59.4661, 77.2407, 16.7776



15.9876, 15.8447, 17.4907



20.5003, 10.4725, 5.2850



1.7497, 0.8889, 0.6726

Previews

White Background



This preview shows how the XYZ color 25.1401, 21.6406, 86.0711 looks on a white background.

Color Contrast Check

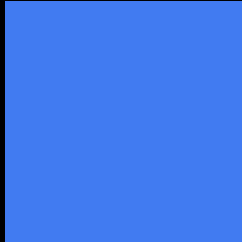
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1401, 21.6406, 86.0711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

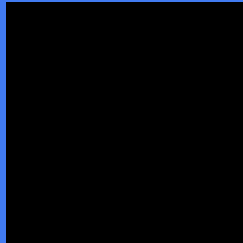
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

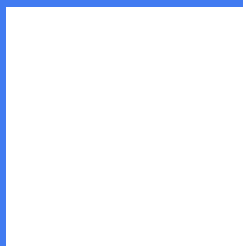
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1401, 21.6406, 86.0711

Background



This preview shows how black text looks on a background with the XYZ color 25.1401, 21.6406, 86.0711.



This preview shows how white text looks on a background with the XYZ color 25.1401, 21.6406,

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

25.1401, 21.6406, 86.0711

Protanopia

24.9467, 21.5409, 86.0621

Deuteranopia

21.9862, 21.5667, 76.4028



Tritanopia

15.1924, 21.3168, 33.0196

Trichromacy



Original Color

25.1401, 21.6406, 86.0711

Protanomaly

25.0100, 21.5736, 86.0650

Deuteranomaly

22.6740, 21.2561, 79.9986

Tritanomaly

17.5535, 20.7051, 48.4187

Monochromacy



Original Color

25.1401, 21.6406, 86.0711

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.4729, 18.7299, 37.2919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1401, 21.6406, 86.0711 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(65, 123, 241)` looks like.

```
.text, #text, p{  
    color:rgb(65, 123, 241)  
}
```

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(65, 123, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 123, 241) }
```

Border

The CSS property to change the border of an element to XYZ 25.1401, 21.6406, 86.0711 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(65, 123, 241) }
```


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

```
.border{ border-color:rgb(65, 123, 241) }
```

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

Here you see how a box with a 4 pixel rgb(65, 123, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 123, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 123, 241);  
box-shadow:4px 4px 4px 4px rgb(65, 123,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1401, 21.6406, 86.0711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 123, 241) }
```

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

```
.background{ background-color: rgb(65, 123,  
241) }
```

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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