

Converting Colors

XYZ(25.4408, 24.4728, 71.4811)

Have a look what the booklet for
XYZ(25.4408, 24.4728, 71.4811)
contains.

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Color

**XYZ(25.4614, 24.4797,
71.7897)**

Conversions

Conversions Part 1

Format	Color
Hex	5587DD
RGB	85, 135, 221
RGB Percent	33%, 53%, 87%
CMY	0.6666, 0.4706, 0.1333
CMYK	0.62, 0.39, 0.00, 0.13
HSL	218°, 67%, 60%
HSV	218°, 62%, 87%
XYZ	25.4614, 24.4797, 71.7897
YIQ	129.8540, -57.4060, 16.1460

Conversions

Conversions Part 2

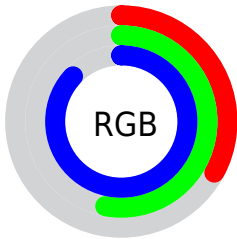
Format	Color
R _Y B	85, 122, 221
Decimal	5605341
CIE Lab	56.56, 9.54, -48.96
CIE LCh	57, 49.881, 281.024
Yxy	24.4797, 0.2092, 0.2011
Android (android.graphics.Color)	4283795421 (0xFF5587DD)
YUV	129.8540, 44.9350, -39.3370
Hunter-Lab	49.4770, 5.2734, -51.3943

Details

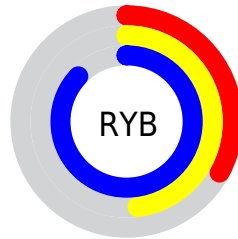
The XYZ color **25.4614, 24.4797, 71.7897** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **46.0230, 45.1563, 14.8861**, and the grayscale version is **21.0285, 22.1236, 24.0926**.

A 20% lighter version of the original color is **47.7103, 49.2062, 101.5909**, and **10.1193, 9.3722, 36.8730** is the 20% darker color. If you saturate the color by 10%, you get **21.9357, 19.9553, 71.1027**, and if you desaturate by 10%, it is **29.8713, 29.8406, 72.5925**.

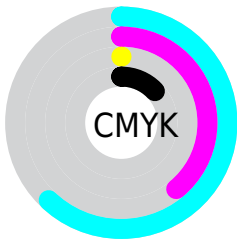
Distribution



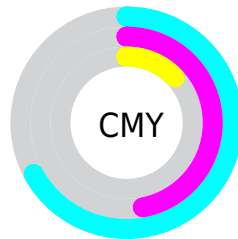
- Red (33%)
- Green (53%)
- Blue (87%)



- Red (33%)
- Yellow (48%)
- Blue (87%)



- Cyan (62%)
- Magenta (39%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4614, 24.4797, 71.7897 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 25.4614, 24.4797, 71.7897 by changing the saturation by 10% instead.

■ 25.4614, 24.4797,
71.7897

■ 25.4614, 24.4797,
71.7897

272.4335,
275.2368, 485.7671

■ 16.5517, 15.6898,
52.5011

■ 51.8423, 50.8119,
123.4624

■ 10.0087, 9.3049,
37.0197

■ 70.0442, 69.1230,
156.6837

■ 5.4670, 4.9406,
24.9268

■ 92.0742, 91.3766,
195.3862

■ 2.5614, 2.2125,
15.8040

■ 118.2977,
117.9572, 239.9885

■ 0.9263, 0.7268,
9.2327

149.0800,
149.2491, 290.9093

■ 0.0000, 0.0000,
4.7944

184.7865,

■ 0.0000, 0.0000,

185.6368, 348.5669

2.0705

225.7825,
227.5045, 413.3800

■ 0.0000, 0.0000,
0.5981

■ 0.0000, 0.0000,
0.0000

■ 25.4614, 24.4797,
71.7897

■ 25.4614, 24.4797,
71.7897

■ 21.9357, 19.9553,
71.1027

■ 29.8713, 29.8406,
72.5925

■ 19.2210, 16.2139,
70.5237

■ 35.2248, 36.0814,
73.5150

■ 17.2351, 13.1979,
70.0462

■ 41.5788, 43.2451,
74.5628

■ 16.0119, 11.1419,
69.7138

■ 48.9848, 51.3708,
75.7409

■ 57.4907, 60.4952,
77.0538

■ 67.1410, 70.6527,
78.5058

■ 77.9780, 81.8764,
80.1010

■ 87.4927, 92.8833,
81.7240

■ 90.0512, 98.0005,
82.5769

Harmonies

Analogous

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



19.8319, 24.4797, 69.5973



25.4614, 24.4797, 71.7897



31.3653, 24.4797, 58.6659

Triad

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



25.4614, 24.4797, 71.7897



32.7164, 24.4797, 10.7270



14.2482, 24.4797, 17.5734

Complementary

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



25.4614, 24.4797, 71.7897



46.0230, 45.1563, 14.8861

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.



16.6988, 24.4797, 9.1116



25.4614, 24.4797, 71.7897



27.0779, 24.4797, 6.4443

Square

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



25.4614, 24.4797, 71.7897



35.9932, 24.4797, 21.0110



21.2029, 24.4797, 6.0103



13.9620, 24.4797, 33.2270

Rectangle

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



25.4614, 24.4797, 71.7897



34.4274, 24.4797, 45.2736



21.2029, 24.4797, 6.0103



14.8244, 24.4797, 14.0008

Sweetspot

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



25.4624, 24.4805, 71.7903



71.5621, 75.1685, 105.3450



36.7528, 56.5046, 46.4414



14.6086, 15.3240, 22.4378



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.



25.4624, 24.4805, 71.7903



29.0749, 25.9045, 98.0754



21.6529, 14.4779, 70.0604



12.7287, 13.3972, 16.5672



9.4007, 6.6709, 40.5305



0.6897, 0.5935, 2.6526

Inverse Universe

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



37.4413, 23.6197, 25.5079



47.6264, 26.9598, 25.8637



52.7106, 65.3676, 18.4348



13.2529, 13.1303, 14.5932



18.2404, 9.2972, 5.6459



1.2224, 0.6186, 0.5801

Previews

White Background



This preview shows how the XYZ color 25.4614, 24.4797, 71.7897 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 25.4614, 24.4797, 71.7897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

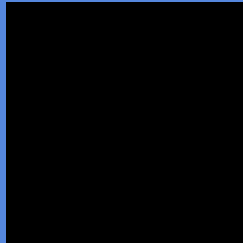
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4614, 24.4797, 71.7897

Background



This preview shows how black text looks on a background with the XYZ color 25.4614, 24.4797, 71.7897.



This preview shows how white text looks on a background with the XYZ color 25.4614, 24.4797,

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

25.4614, 24.4797, 71.7897

Protanopia

26.2730, 24.3312, 69.6413

Deuteranopia

25.2486, 24.5781, 71.8199



Tritanopia

18.5106, 24.5301, 37.0169

Trichromacy



Original Color

25.4614, 24.4797, 71.7897

Protanomaly

25.8930, 24.3224, 70.3478

Deuteranomaly

25.3350, 24.6226, 71.8240

Tritanomaly

20.5127, 24.1806, 47.8422

Monochromacy



Original Color

25.4614, 24.4797, 71.7897

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8016, 22.7243, 37.8875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4614, 24.4797, 71.7897 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(85, 135, 221)` looks like.

```
.text, #text, p{  
    color:rgb(85, 135, 221)  
}
```

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(85, 135, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 135, 221) }
```

Border

The CSS property to change the border of an element to XYZ 25.4614, 24.4797, 71.7897 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(85, 135, 221) }
```


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

```
.border{ border-color:rgb(85, 135, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 135, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 135, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 135, 221);  
box-shadow:4px 4px 4px 4px rgb(85, 135,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4614, 24.4797, 71.7897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 135, 221) }
```

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

```
.background{ background-color: rgb(85, 135,  
221) }
```

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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