

Converting Colors

XYZ(25.8258, 22.5441, 61.3871)

Have a look what the booklet for
XYZ(25.8258, 22.5441, 61.3871)
contains.

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Color

**XYZ(25.8313, 22.5441,
61.3825)**

Conversions

Conversions Part 1

Format	Color
Hex	777BCE
RGB	119, 123, 206
RGB Percent	47%, 48%, 81%
CMY	0.5333, 0.5176, 0.1922
CMYK	0.42, 0.40, 0.00, 0.19
HSL	237°, 47%, 64%
HSV	237°, 42%, 81%
XYZ	25.8313, 22.5441, 61.3825
YIQ	131.2660, -29.0270, 24.9650

Conversions

Conversions Part 2

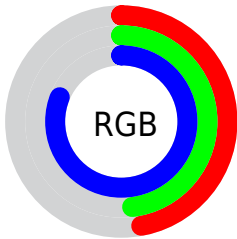
Format	Color
R_{YB}	119, 123, 206
Decimal	7830478
CIE _{Lab}	54.60, 19.56, -43.49
CIE _{LCh}	55, 47.692, 294.217
Y _{xy}	22.5441, 0.2353, 0.2054
Android (android.graphics.Color)	4286020558 (0xFF777BCE)
YUV	131.2660, 36.8439, -10.7573
Hunter-Lab	47.4806, 14.0198, -43.4131

Details

The XYZ color **25.8313, 22.5441, 61.3825** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **49.9049, 56.6962, 25.7672**, and the grayscale version is **21.5490, 22.6712, 24.6890**.

A 20% lighter version of the original color is **51.0592, 46.9939, 100.9874**, and **10.1490, 8.2219, 30.3302** is the 20% darker color. If you saturate the color by 10%, you get **21.1064, 16.8455, 60.5320**, and if you desaturate by 10%, it is **31.6601, 29.5390, 62.4259**.

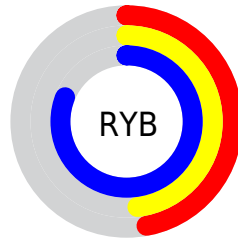
Distribution



Red (47%)

Green (48%)

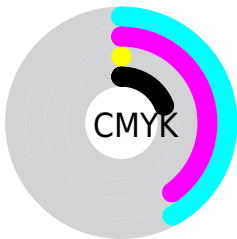
Blue (81%)



Red (47%)

Yellow (48%)

Blue (81%)

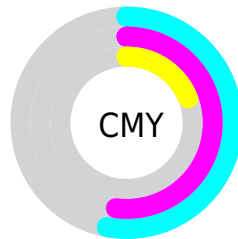


Cyan (42%)

Magenta (40%)

Yellow (0%)

Black (19%)



Cyan (53%)

Magenta (52%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8313, 22.5441, 61.3825 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 25.8313, 22.5441, 61.3825 by changing the saturation by 10% instead.

■ 25.8313, 22.5441,
61.3825

■ 25.8313, 22.5441,
61.3825

274.2249,
265.3747, 447.6204

■ 16.8295, 14.2572,
44.1014

■ 52.4359, 47.6436,
108.3955

■ 10.2075, 8.2998,
30.4124

■ 70.7694, 65.2251,
138.9644

■ 5.6001, 4.2874,
19.8971

■ 92.9442, 86.6736,
174.7997

■ 2.6418, 1.8356,
12.1370

119.3257,
112.3735, 216.3199

■ 0.9673, 0.5092,
6.7134

150.2791,
142.7091, 263.9435

■ 0.0000, 0.0000,
3.2078

186.1699,

■ 0.0000, 0.0000,

178.0649, 318.0891

1.2017

227.3633,
218.8253, 379.1752

■ 0.0000, 0.0000,
0.0000

■ 25.8313, 22.5441,
61.3825

■ 25.8313, 22.5441,
61.3825

■ 21.1064, 16.8455,
60.5320

■ 31.6601, 29.5390,
62.4259

■ 17.4132, 12.3612,
59.8611

■ 38.6535, 37.9005,
63.6712

■ 14.6754, 9.0037,
59.3573

■ 46.8710, 47.6967,
65.1290

■ 12.8047, 6.6727,
59.0060

■ 56.3673, 58.9907,
66.8084

■ 11.6964, 5.2505,
58.7899

■ 67.1936, 71.8415,
68.7183

■ 11.2434, 4.6618,
58.7002

■ 79.3986, 86.3051,
70.8667

■ 88.1407, 97.2363,
72.5159

Harmonies

Analogous

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



20.4283, 22.5441, 65.8960



25.8313, 22.5441, 61.3825



30.6834, 22.5441, 45.5774

Triad

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



25.8313, 22.5441, 61.3825



27.8745, 22.5441, 7.7919



12.8859, 22.5441, 21.7527

Complementary

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



25.8313, 22.5441, 61.3825



49.9049, 56.6962, 25.7672

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.



14.2498, 22.5441, 11.2459



25.8313, 22.5441, 61.3825



22.4587, 22.5441, 5.5768

Square

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



25.8313, 22.5441, 61.3825



31.9912, 22.5441, 14.5118



17.5550, 22.5441, 6.5158



13.4903, 22.5441, 38.3857

Rectangle

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



25.8313, 22.5441, 61.3825



32.6577, 22.5441, 33.2605



17.5550, 22.5441, 6.5158



13.1214, 22.5441, 17.5055

Sweetspot

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



25.8322, 22.5449, 61.3830



74.6159, 75.7011, 105.2868



40.2991, 52.3129, 63.6340



15.3054, 15.4104, 22.4178



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.



25.8322, 22.5449, 61.3830



34.6066, 27.7891, 98.1476



31.8685, 24.9354, 61.5263



10.6424, 10.9253, 14.1182



6.9427, 2.9094, 36.1519



0.3730, 0.1797, 1.8700

Inverse Universe

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



35.6264, 27.7466, 22.2175



52.6591, 37.5513, 25.9194



41.3066, 53.6743, 25.6371



11.2329, 11.2219, 11.7609



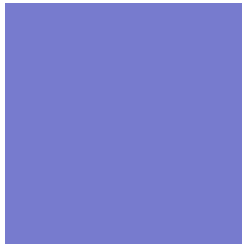
15.7153, 8.0967, 0.9533



0.8182, 0.4207, 0.0886

Previews

White Background



This preview shows how the XYZ color 25.8313, 22.5441, 61.3825 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 25.8313, 22.5441, 61.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

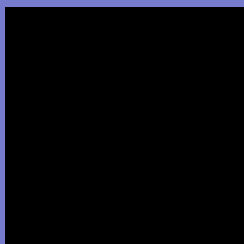
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8313, 22.5441, 61.3825

Background



This preview shows how black text looks on a background with the XYZ color 25.8313, 22.5441, 61.3825.

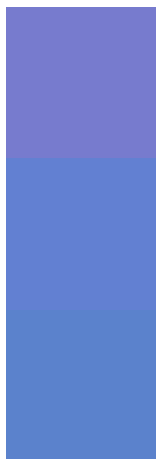


This preview shows how white text looks on a background with the XYZ color 25.8313, 22.5441,

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

25.8313, 22.5441, 61.3825

Protanopia

24.3890, 22.6882, 64.0666

Deuteranopia

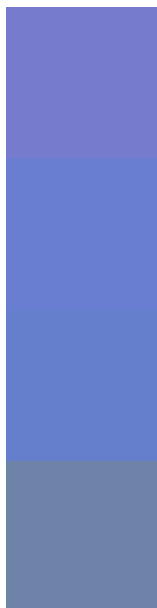
23.1961, 22.5490, 60.2566



Tritanopia

19.7795, 22.6580, 30.9347

Trichromacy



Original Color

25.8313, 22.5441, 61.3825

Protanomaly

24.9133, 22.5893, 63.3687

Deuteranomaly

23.9756, 22.3532, 60.8086

Tritanomaly

21.4909, 22.3110, 40.2195

Monochromacy



Original Color

25.8313, 22.5441, 61.3825

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.6431, 22.4190, 35.4816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8313, 22.5441, 61.3825 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(119, 123, 206)` looks like.

```
.text, #text, p{  
    color:rgb(119, 123, 206)  
}
```

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(119, 123, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 123, 206) }
```

Border

The CSS property to change the border of an element to XYZ 25.8313, 22.5441, 61.3825 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(119, 123, 206) }
```


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

```
.border{ border-color:rgb(119, 123, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 123, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 123, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 123, 206);  
box-shadow:4px 4px 4px 4px rgb(119, 123,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8313, 22.5441, 61.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 123, 206) }
```

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

```
.background{ background-color: rgb(119,  
123, 206) }
```

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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