

Converting Colors

XYZ(25.8855, 22.9264, 64.7073)

Have a look what the booklet for
XYZ(25.8855, 22.9264, 64.7073)
contains.

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Color

**XYZ(25.9015, 22.8811,
64.6793)**

Conversions

Conversions Part 1

Format	Color
Hex	717DD3
RGB	113, 125, 211
RGB Percent	44%, 49%, 83%
CMY	0.5568, 0.5098, 0.1725
CMYK	0.46, 0.41, 0.00, 0.17
HSL	233°, 53%, 64%
HSV	233°, 46%, 83%
XYZ	25.9015, 22.8811, 64.6793
YIQ	131.2160, -34.7580, 24.2020

Conversions

Conversions Part 2

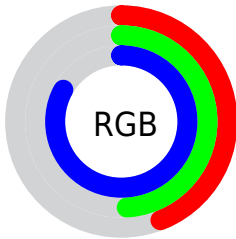
Format	Color
R _Y B	113, 124, 211
Decimal	7437779
CIE Lab	54.95, 18.35, -45.80
CIE LCh	55, 49.336, 291.832
Yxy	22.8811, 0.2283, 0.2017
Android (android.graphics.Color)	4285627859 (0xFF717DD3)
YUV	131.2160, 39.3335, -15.9754
Hunter-Lab	47.8342, 12.9452, -46.6854

Details

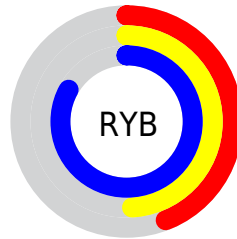
The XYZ color **25.9015, 22.8811, 64.6793** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **50.2690, 55.8894, 23.7622**, and the grayscale version is **21.5240, 22.6450, 24.6604**.

A 20% lighter version of the original color is **50.1343, 47.0993, 101.0565**, and **10.2161, 8.4099, 32.5373** is the 20% darker color. If you saturate the color by 10%, you get **21.3662, 17.3819, 63.8573**, and if you desaturate by 10%, it is **31.5066, 29.5811, 65.6776**.

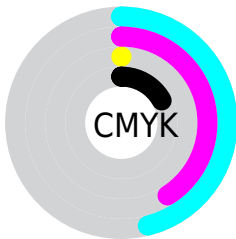
Distribution



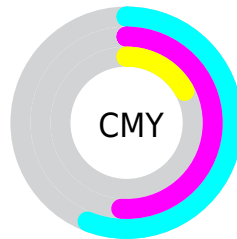
- Red (44%)
- Green (49%)
- Blue (83%)



- Red (44%)
- Yellow (49%)
- Blue (83%)



- Cyan (46%)
- Magenta (41%)
- Yellow (0%)
- Black (17%)



- Cyan (56%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9015, 22.8811, 64.6793 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 25.9015, 22.8811, 64.6793 by changing the saturation by 10% instead.

■ 25.9015, 22.8811,
64.6793

■ 25.9015, 22.8811,
64.6793

274.5638,
267.1137, 459.9132

■ 16.8823, 14.5057,
46.7514

■ 52.5484, 48.1980,
113.1975

■ 10.2454, 8.4732,
32.4862

■ 70.9068, 65.9084,
144.6249

■ 5.6255, 4.3992,
21.4653

■ 93.1090, 87.4992,
181.3892

■ 2.6572, 1.8993,
13.2700

119.5203,
113.3548, 223.9090

■ 0.9752, 0.5480,
7.4818

150.5061,
143.8597, 272.6027

■ 0.0000, 0.0000,
3.6822

186.4317,

■ 0.0000, 0.0000,

179.3982, 327.8890

1.4527

227.6625,
220.3547, 390.1863

■ 0.0000, 0.0000,
0.1823

■ 0.0000, 0.0000,
0.0000

■ 25.9015, 22.8811,
64.6793

■ 25.9015, 22.8811,
64.6793

■ 21.3662, 17.3819,
63.8573

■ 31.5066, 29.5811,
65.6776

■ 17.8293, 13.0097,
63.1998

■ 38.2413, 37.5451,
66.8598

■ 15.2148, 9.6858,
62.6961

■ 46.1643, 46.8347,
68.2353

■ 13.4345, 7.3206,
62.3334

■ 55.3292, 57.5067,
69.8122

■ 12.3797, 5.8073,
62.0969

■ 65.7865, 69.6146,
71.5981

■ 12.1237, 5.4346,
62.0384

■ 77.5839, 83.2091,
73.6003

■ 88.6365, 97.2404,
75.7260

■ 88.7579, 97.4832,
75.7665

Harmonies

Analogous

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



20.2863, 22.8811, 68.2490



25.9015, 22.8811, 64.6793



31.1168, 22.8811, 48.5705

Triad

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



25.9015, 22.8811, 64.6793



28.9223, 22.8811, 7.9349



12.9043, 22.8811, 20.8714

Complementary

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



25.9015, 22.8811, 64.6793



50.2690, 55.8894, 23.7622

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.



14.4779, 22.8811, 10.5425



25.9015, 22.8811, 64.6793



23.2778, 22.8811, 5.4023

Square

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



25.9015, 22.8811, 64.6793



33.0546, 22.8811, 15.3010



18.0637, 22.8811, 6.1003



13.3674, 22.8811, 37.8889

Rectangle

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



25.9015, 22.8811, 64.6793



33.3597, 22.8811, 35.5445



18.0637, 22.8811, 6.1003



13.2017, 22.8811, 16.6469

Sweetspot

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



25.9024, 22.8819, 64.6799



73.9210, 75.4612, 105.2772



40.2905, 54.1740, 61.7195



15.1997, 15.4252, 22.4262



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.



25.9024, 22.8819, 64.6799



32.6982, 26.5591, 98.0108



30.0463, 22.8979, 64.4645



11.2786, 11.6475, 14.8974



7.3568, 3.3603, 37.4533



0.4510, 0.2671, 2.1074

Inverse Universe

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



36.4715, 27.1408, 22.7192



51.0643, 34.4957, 24.9748



43.9699, 56.9031, 24.2899



11.8668, 11.8315, 12.5743



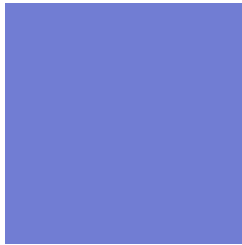
16.3441, 8.4105, 1.4524



0.9339, 0.4783, 0.1865

Previews

White Background



This preview shows how the XYZ color 25.9015, 22.8811, 64.6793 looks on a white background.

Color Contrast Check

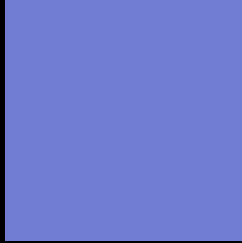
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9015, 22.8811, 64.6793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

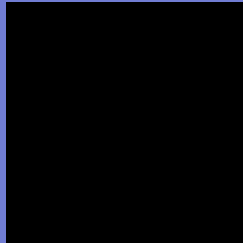
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9015, 22.8811, 64.6793

Background



This preview shows how black text looks on a background with the XYZ color 25.9015, 22.8811, 64.6793.

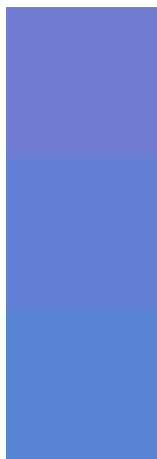


This preview shows how white text looks on a background with the XYZ color 25.9015, 22.8811,

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

25.9015, 22.8811, 64.6793

Protanopia

24.7865, 22.8348, 66.7195

Deuteranopia

23.5869, 22.8642, 64.1428



Tritanopia

19.2326, 22.7798, 31.8170

Trichromacy



Original Color

25.9015, 22.8811, 64.6793

Protanomaly

25.1931, 22.8664, 66.0366

Deuteranomaly

24.3070, 22.8405, 64.1003

Tritanomaly

21.3134, 22.5784, 42.2645

Monochromacy



Original Color

25.9015, 22.8811, 64.6793

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5076, 22.5237, 36.4189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9015, 22.8811, 64.6793 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(113, 125, 211)` looks like.

```
.text, #text, p{  
    color:rgb(113, 125, 211)  
}
```

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(113, 125, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 125, 211) }
```

Border

The CSS property to change the border of an element to XYZ 25.9015, 22.8811, 64.6793 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(113, 125, 211) }
```


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

```
.border{ border-color:rgb(113, 125, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 125, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 125, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 125, 211);  
box-shadow:4px 4px 4px 4px rgb(113, 125,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9015, 22.8811, 64.6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 125, 211) }
```

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

```
.background{ background-color: rgb(113,  
125, 211) }
```

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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