

Converting Colors

XYZ(25.6254, 22.2097, 65.7428)

Have a look what the booklet for
XYZ(25.6254, 22.2097, 65.7428)
contains.

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Color

**XYZ(25.6519, 22.1679,
65.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	707AD5
RGB	112, 122, 213
RGB Percent	44%, 48%, 84%
CMY	0.5608, 0.5216, 0.1647
CMYK	0.47, 0.43, 0.00, 0.16
HSL	234°, 55%, 64%
HSV	234°, 47%, 84%
XYZ	25.6519, 22.1679, 65.8776
YIQ	129.3840, -35.1710, 26.1810

Conversions

Conversions Part 2

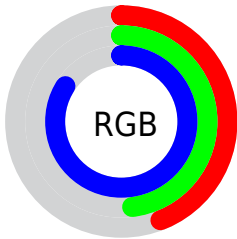
Format	Color
R _Y B	112, 121, 213
Decimal	7371477
CIE Lab	54.20, 20.51, -48.11
CIE LCh	54, 52.305, 293.091
Yxy	22.1679, 0.2256, 0.1950
Android (android.graphics.Color)	4285561557 (0xFF707AD5)
YUV	129.3840, 41.2227, -15.2458
Hunter-Lab	47.0828, 14.8564, -49.9998

Details

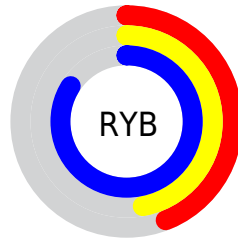
The XYZ color **25.6519, 22.1679, 65.8776** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **51.7226, 58.0300, 23.8055**, and the grayscale version is **20.8704, 21.9572, 23.9114**.

A 20% lighter version of the original color is **49.3345, 45.8169, 100.8511**, and **10.1417, 8.1505, 33.3864** is the 20% darker color. If you saturate the color by 10%, you get **21.1270, 16.6760, 65.0565**, and if you desaturate by 10%, it is **31.2848, 28.9224, 66.8849**.

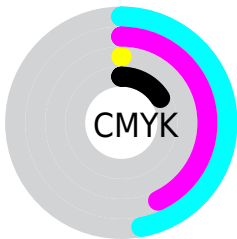
Distribution



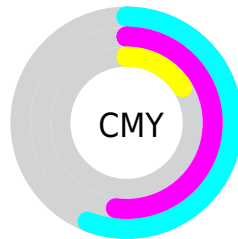
- Red (44%)
- Green (48%)
- Blue (84%)



- Red (44%)
- Yellow (47%)
- Blue (84%)



- Cyan (47%)
- Magenta (43%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (52%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6519, 22.1679, 65.8776 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 25.6519, 22.1679, 65.8776 by changing the saturation by 10% instead.

■ 25.6519, 22.1679,
65.8776

■ 25.6519, 22.1679,
65.8776

273.3572,
263.4218, 464.3313

■ 16.6947, 13.9803,
47.7172

■ 52.1482, 47.0233,
114.9360

■ 10.1110, 8.1070,
33.2446

■ 70.4179, 64.4600,
146.6710

■ 5.5355, 4.1635,
22.0412

■ 92.5226, 85.7485,
183.7680

■ 2.6027, 1.7654,
13.6886

118.8276,
111.2731, 226.6455

■ 0.9473, 0.4655,
7.7681

149.6982,
141.4184, 275.7220

■ 0.0000, 0.0000,
3.8613

185.4997,

■ 0.0000, 0.0000,

176.5687, 331.4161

1.5496

226.5976,
217.1084, 394.1464

■ 0.0000, 0.0000,
0.2544

■ 0.0000, 0.0000,
0.0000

■ 25.6519, 22.1679,
65.8776

■ 25.6519, 22.1679,
65.8776

■ 21.1270, 16.6760,
65.0565

■ 31.2848, 28.9224,
66.8849

■ 17.6341, 12.3657,
64.4086

■ 38.0899, 37.0090,
68.0871

■ 15.0917, 9.1501,
63.9219

■ 46.1294, 46.4951,
69.4944

■ 13.4045, 6.9292,
63.5822

■ 55.4603, 57.4427,
71.1157

■ 12.4496, 5.5803,
63.3722

■ 66.1363, 69.9099,
72.9594

■ 12.2800, 5.3435,
63.3354

■ 78.2077, 83.9519,
75.0336

■ 89.0103, 97.5841,
77.0955

Harmonies

Analogous

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



19.7828, 22.1679, 70.4308



25.6519, 22.1679, 65.8776



31.0689, 22.1679, 48.2265

Triad

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



25.6519, 22.1679, 65.8776



28.3359, 22.1679, 6.7668



11.9783, 22.1679, 20.5653

Complementary

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



25.6519, 22.1679, 65.8776



51.7226, 58.0300, 23.8055

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.



13.4857, 22.1679, 9.8005



25.6519, 22.1679, 65.8776



22.4117, 22.1679, 4.4941

Square

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



25.6519, 22.1679, 65.8776



32.8029, 22.1679, 13.8276



17.0689, 22.1679, 5.2791



12.5329, 22.1679, 38.6060

Rectangle

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



25.6519, 22.1679, 65.8776



33.3472, 22.1679, 34.4296



17.0689, 22.1679, 5.2791



12.2501, 22.1679, 16.1321

Sweetspot

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



25.6528, 22.1687, 65.8782



73.6970, 75.0131, 105.2025



41.2448, 55.3410, 64.9462



15.1460, 15.3177, 22.4083



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.



25.6528, 22.1687, 65.8782



31.6492, 24.9371, 97.7530



30.8296, 23.1080, 65.7866



11.8405, 12.2045, 15.6692



7.5355, 3.3327, 38.6993



0.4891, 0.2701, 2.3457

Inverse Universe

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



36.7484, 27.1409, 21.7147



50.4187, 33.7926, 22.9463



43.8651, 57.5978, 24.1362



12.4727, 12.4406, 13.1635



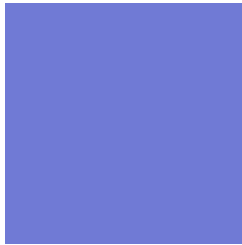
16.8624, 8.6813, 1.3136



1.0345, 0.5306, 0.1711

Previews

White Background



This preview shows how the XYZ color 25.6519, 22.1679, 65.8776 looks on a white background.

Color Contrast Check

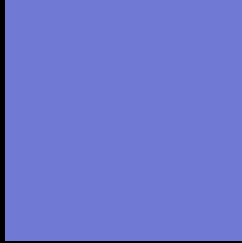
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6519, 22.1679, 65.8776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

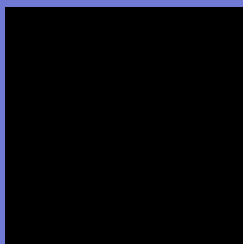
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6519, 22.1679, 65.8776

Background



This preview shows how black text looks on a background with the XYZ color 25.6519, 22.1679, 65.8776.



This preview shows how white text looks on a background with the XYZ color 25.6519, 22.1679,

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

25.6519, 22.1679, 65.8776

Protanopia

24.2996, 22.1556, 68.6414

Deuteranopia

22.8824, 22.2881, 64.7240



Tritanopia

18.5848, 22.0421, 30.8788

Trichromacy



Original Color

25.6519, 22.1679, 65.8776

Protanomaly

24.8739, 22.2777, 67.9548

Deuteranomaly

23.6895, 22.1059, 65.3056

Tritanomaly

20.7225, 21.8822, 41.6596

Monochromacy



Original Color

25.6519, 22.1679, 65.8776

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.9744, 21.6707, 36.2824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6519, 22.1679, 65.8776 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(112, 122, 213)` looks like.

```
.text, #text, p{  
    color:rgb(112, 122, 213)  
}
```

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(112, 122, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 122, 213) }
```

Border

The CSS property to change the border of an element to XYZ 25.6519, 22.1679, 65.8776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

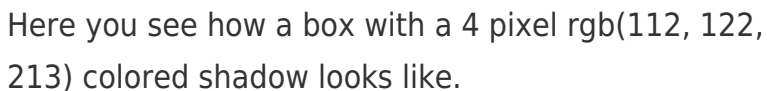
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 122, 213) }
```


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

```
.border{ border-color:rgb(112, 122, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 122, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 122, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 122, 213); box-shadow:4px 4px 4px 4px rgb(112, 122, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6519, 22.1679, 65.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 122, 213) }
```

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

```
.background{ background-color: rgb(112,  
122, 213) }
```

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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