

Converting Colors

XYZ(25.8075, 20.8267, 71.6624)

Have a look what the booklet for
XYZ(25.8075, 20.8267, 71.6624)
contains.

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Color

**XYZ(25.8711, 20.9149,
71.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	6F73DE
RGB	111, 115, 222
RGB Percent	44%, 45%, 87%
CMY	0.5647, 0.5490, 0.1294
CMYK	0.50, 0.48, 0.00, 0.13
HSL	238°, 63%, 65%
HSV	238°, 50%, 87%
XYZ	25.8711, 20.9149, 71.7807
YIQ	126.0020, -36.7310, 32.4290

Conversions

Conversions Part 2

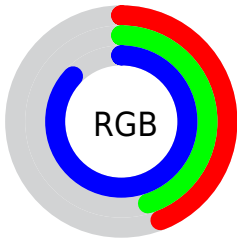
Format	Color
R_{YB}	111, 115, 222
Decimal	7304158
CIE _{Lab}	52.86, 27.24, -55.35
CIE _{LCh}	53, 61.689, 296.208
Y _{xy}	20.9149, 0.2182, 0.1764
Android (android.graphics.Color)	4285494238 (0xFF6F73DE)
YUV	126.0020, 47.3270, -13.1568
Hunter-Lab	45.7328, 20.9452, -61.0466

Details

The XYZ color **25.8711, 20.9149, 71.7807** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **58.0665, 66.8226, 24.8780**, and the grayscale version is **19.6859, 20.7111, 22.5544**.

A 20% lighter version of the original color is **48.2309, 43.2924, 100.4220**, and **10.2055, 7.4456, 36.9756** is the 20% darker color. If you saturate the color by 10%, you get **21.2533, 15.3227, 70.9451**, and if you desaturate by 10%, it is **31.7511, 27.9990, 72.8386**.

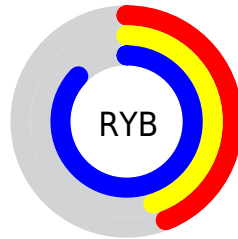
Distribution



Red (44%)

Green (45%)

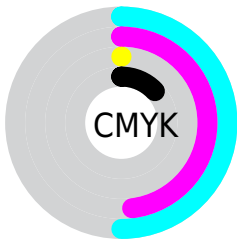
Blue (87%)



Red (44%)

Yellow (45%)

Blue (87%)

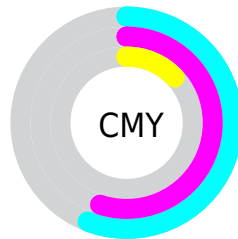


Cyan (50%)

Magenta (48%)

Yellow (0%)

Black (13%)



Cyan (56%)

Magenta (55%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8711, 20.9149, 71.7807 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 25.8711, 20.9149, 71.7807 by changing the saturation by 10% instead.

■ 25.8711, 20.9149,
71.7807

■ 25.8711, 20.9149,
71.7807

274.4171,
256.8259, 485.7349

■ 16.8594, 13.0618,
52.4938

■ 52.4997, 44.9459,
123.4495

■ 10.2290, 7.4711,
37.0139

■ 70.8473, 61.8925,
156.6685

■ 5.6145, 3.7584,
24.9224

■ 93.0377, 82.6392,
195.3686

■ 2.6505, 1.5394,
15.8007

■ 119.4360,
107.5702, 239.9684

■ 0.9718, 0.3162,
9.2304

150.4078,
137.0700, 290.8864

■ 0.0000, 0.0000,
4.7929

186.3183,

■ 0.0000, 0.0000,

171.5229, 348.5411

2.0697

227.5330,
211.3134, 413.3511

■ 0.0000, 0.0000,
0.5976

■ 0.0000, 0.0000,
0.0000

■ 25.8711, 20.9149,
71.7807

■ 25.8711, 20.9149,
71.7807

■ 21.2533, 15.3227,
70.9451

■ 31.7511, 27.9990,
72.8386

■ 17.8030, 11.1140,
70.3146

■ 38.9737, 36.6692,
74.1315

■ 15.4162, 8.1686,
69.8719

■ 47.6155, 47.0142,
75.6728

■ 13.9695, 6.3453,
69.5962

■ 57.7469, 59.1157,
77.4746

■ 13.2718, 5.4476,
69.4597

■ 69.4335, 73.0498,
79.5482

■ 13.2717, 5.4475,
69.4597

■ 82.7367, 88.8884,
81.9042

■ 90.1849, 98.0540,
83.2808

Harmonies

Analogous

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



19.0703, 20.9149, 79.7361



25.8711, 20.9149, 71.7807



32.0625, 20.9149, 48.7738

Triad

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



25.8711, 20.9149, 71.7807



27.6010, 20.9149, 4.1766



9.8983, 20.9149, 20.5045

Complementary

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



25.8711, 20.9149, 71.7807



58.0665, 66.8226, 24.8780

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.



11.2544, 20.9149, 8.1847



25.8711, 20.9149, 71.7807



20.7102, 20.9149, 2.5423

Square

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



25.8711, 20.9149, 71.7807



33.2033, 20.9149, 10.4175



14.8919, 20.9149, 3.4635



10.7026, 20.9149, 42.3236

Rectangle

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



25.8711, 20.9149, 71.7807



34.5108, 20.9149, 32.3280



14.8919, 20.9149, 3.4635



10.1072, 20.9149, 15.3145

Sweetspot

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



25.8720, 20.9156, 71.7812



71.6954, 72.1422, 104.7538



45.1307, 60.6040, 74.5909



14.7264, 14.7014, 22.3114



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.



25.8720, 20.9156, 71.7812



28.8404, 20.6665, 97.0767



33.5584, 24.2162, 72.0132



12.9914, 13.3220, 17.2744



7.9003, 3.2701, 41.2632



0.5618, 0.2550, 2.8649

Inverse Universe

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



38.9040, 28.1375, 19.6007



48.6721, 31.8350, 17.6301



46.0158, 62.1673, 24.6146



13.7271, 13.7085, 14.3333



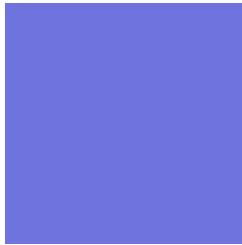
17.9279, 9.2382, 1.0202



1.2498, 0.6432, 0.1084

Previews

White Background



This preview shows how the XYZ color 25.8711, 20.9149, 71.7807 looks on a white background.

Color Contrast Check

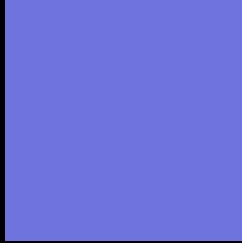
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8711, 20.9149, 71.7807 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 25.8711, 20.9149, 71.7807

Background



This preview shows how black text looks on a background with the XYZ color 25.8711, 20.9149, 71.7807.



This preview shows how white text looks on a background with the XYZ color 25.8711, 20.9149,

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

25.8711, 20.9149, 71.7807

Protanopia

23.8500, 20.9927, 76.9237

Deuteranopia

21.6909, 20.9713, 69.9225



Tritanopia

17.3521, 20.8149, 29.4887

Trichromacy



Original Color

25.8711, 20.9149, 71.7807

Protanomaly

24.2548, 20.7109, 74.6707

Deuteranomaly

22.6737, 20.7109, 70.5127

Tritanomaly

19.7311, 20.3871, 41.9249

Monochromacy



Original Color

25.8711, 20.9149, 71.7807

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.2777, 20.5572, 36.5647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8711, 20.9149, 71.7807 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(111, 115, 222)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 222)  
}
```

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(111, 115, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 222) }
```

Border

The CSS property to change the border of an element to XYZ 25.8711, 20.9149, 71.7807 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(111, 115, 222) }
```


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

```
.border{ border-color:rgb(111, 115, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 115, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 222);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8711, 20.9149, 71.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 222) }
```

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

```
.background{ background-color: rgb(111,  
115, 222) }
```

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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