

Converting Colors

XYZ(25.6882, 20.2656, 73.0794)

Have a look what the booklet for
XYZ(25.6882, 20.2656, 73.0794)
contains.

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Color

**XYZ(25.6791, 20.2852,
73.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	6E70E0
RGB	110, 112, 224
RGB Percent	43%, 44%, 88%
CMY	0.5686, 0.5608, 0.1216
CMYK	0.51, 0.50, 0.00, 0.12
HSL	239°, 65%, 65%
HSV	239°, 51%, 88%
XYZ	25.6791, 20.2852, 73.0830
YIQ	124.1700, -37.1440, 34.4080

Conversions

Conversions Part 2

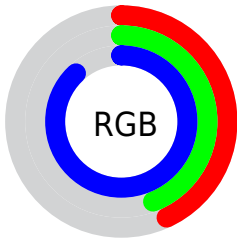
Format	Color
R_{YB}	110, 112, 224
Decimal	7237856
CIE _{Lab}	52.16, 29.45, -57.60
CIE _{LCh}	52, 64.690, 297.080
Yxy	20.2852, 0.2157, 0.1704
Android (android.graphics.Color)	4285427936 (0xFF6E70E0)
YUV	124.1700, 49.2162, -12.4271
Hunter-Lab	45.0391, 22.9536, -64.6800

Details

The XYZ color **25.6791, 20.2852, 73.0830** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **59.6777, 69.2178, 24.9683**, and the grayscale version is **19.0656, 20.0585, 21.8437**.

A 20% lighter version of the original color is **47.4739, 42.0957, 100.2309**, and **10.1202, 7.1223, 37.8871** is the 20% darker color. If you saturate the color by 10%, you get **21.0975, 14.7486, 72.2563**, and if you desaturate by 10%, it is **31.5602, 27.3729, 74.1415**.

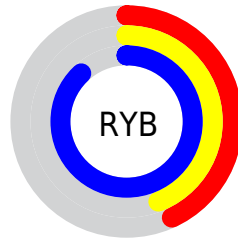
Distribution



Red (43%)

Green (44%)

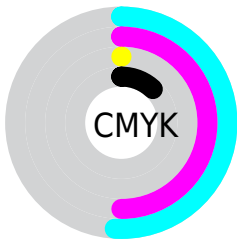
Blue (88%)



Red (43%)

Yellow (44%)

Blue (88%)

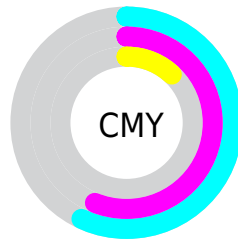


Cyan (51%)

Magenta (50%)

Yellow (0%)

Black (12%)



Cyan (57%)

Magenta (56%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6791, 20.2852, 73.0830 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 25.6791, 20.2852, 73.0830 by changing the saturation by 10% instead.

■ 25.6791, 20.2852,
73.0830

■ 25.6791, 20.2852,
73.0830

273.4889,
253.4549, 490.3809

■ 16.7151, 12.6025,
53.5516

■ 52.1918, 43.8948,
125.3170

■ 10.1256, 7.1554,
37.8526

■ 70.4713, 60.5906,
158.8568

■ 5.5453, 3.5595,
25.5673

■ 92.5866, 81.0595,
197.9030

■ 2.6086, 1.4303,
16.2774

■ 118.9032,
105.6859, 242.8743

■ 0.9503, 0.2389,
9.5642

149.7863,
134.8543, 294.1892

■ 0.0000, 0.0000,
5.0092

185.6014,

■ 0.0000, 0.0000,

168.9490, 352.2662

2.1938

226.7138,
208.3544, 417.5240

■ 0.0000, 0.0000,
0.6708

■ 0.0000, 0.0000,
0.0000

■ 25.6791, 20.2852,
73.0830

■ 25.6791, 20.2852,
73.0830

■ 21.0975, 14.7486,
72.2563

■ 31.5602, 27.3729,
74.1415

■ 17.7145, 10.6453,
71.6425

■ 38.8261, 36.1138,
75.4457

■ 15.4189, 7.8435,
71.2227

■ 47.5581, 46.6037,
77.0103

■ 14.0775, 6.1869,
70.9737

■ 57.8305, 58.9305,
78.8482

■ 13.4972, 5.4670,
70.8653

■ 69.7123, 73.1761,
80.9716

■ 83.2687, 89.4176,
83.3920

■ 90.4546, 98.1619,
84.7011

Harmonies

Analogous

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



18.6389, 20.2852, 82.2130



25.6791, 20.2852, 73.0830



32.0696, 20.2852, 48.4325

Triad

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



25.6791, 20.2852, 73.0830



27.0636, 20.2852, 3.4376



9.1528, 20.2852, 20.2807

Complementary

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



25.6791, 20.2852, 73.0830



59.6777, 69.2178, 24.9683

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.



10.4436, 20.2852, 7.6029



25.6791, 20.2852, 73.0830



19.9366, 20.2852, 2.0158

Square

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



25.6791, 20.2852, 73.0830



32.9891, 20.2852, 9.2957



14.0442, 20.2852, 2.9276



10.0184, 20.2852, 43.2010

Rectangle

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



25.6791, 20.2852, 73.0830



34.5492, 20.2852, 31.2877



14.0442, 20.2852, 2.9276



9.3403, 20.2852, 14.8942

Sweetspot

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



25.6800, 20.2859, 73.0835



71.5123, 71.7759, 104.6928



46.0317, 61.8049, 77.3530



14.6831, 14.6148, 22.2970



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.



25.6800, 20.2859, 73.0835



28.0135, 19.4352, 96.8826



34.1769, 24.3427, 73.4187



12.9712, 13.2815, 17.2676



7.8650, 3.1995, 41.2514



0.5520, 0.2356, 2.8616

Inverse Universe

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



39.2418, 28.1702, 18.6988



48.1515, 31.2320, 16.1064



46.2222, 63.0733, 24.4914



13.7169, 13.7044, 14.2796



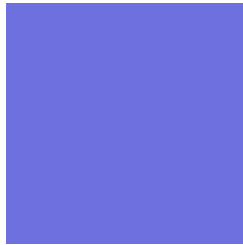
17.9101, 9.2310, 0.9263



1.2449, 0.6412, 0.0825

Previews

White Background



This preview shows how the XYZ color 25.6791, 20.2852, 73.0830 looks on a white background.

Color Contrast Check

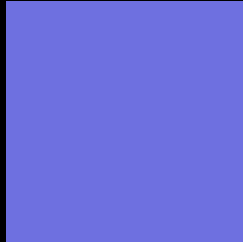
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6791, 20.2852, 73.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

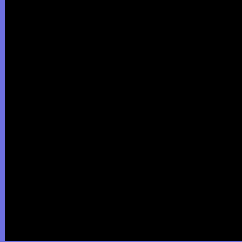
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6791, 20.2852, 73.0830

Background



This preview shows how black text looks on a background with the XYZ color 25.6791, 20.2852, 73.0830.



This preview shows how white text looks on a background with the XYZ color 25.6791, 20.2852,

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

25.6791, 20.2852, 73.0830

Protanopia

23.5388, 20.4061, 79.7889

Deuteranopia

21.1392, 20.4655, 71.2427



Tritanopia

16.7899, 20.3403, 28.6323

Trichromacy



Original Color

25.6791, 20.2852, 73.0830

Protanomaly

24.0376, 20.1851, 77.4921

Deuteranomaly

21.9467, 19.9408, 71.7995

Tritanomaly

19.2942, 19.9729, 41.8680

Monochromacy



Original Color

25.6791, 20.2852, 73.0830

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.6694, 19.8929, 36.0080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6791, 20.2852, 73.0830 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(110, 112, 224)` looks like.

```
.text, #text, p{  
    color:rgb(110, 112, 224)  
}
```

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(110, 112, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 112, 224) }
```

Border

The CSS property to change the border of an element to XYZ 25.6791, 20.2852, 73.0830 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(110, 112, 224) }
```


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

```
.border{ border-color:rgb(110, 112, 224) }
```

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

Here you see how a box with a 4 pixel rgb(110, 112, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 112, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 112, 224);  
box-shadow:4px 4px 4px 4px rgb(110, 112,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6791, 20.2852, 73.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 112, 224) }
```

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

```
.background{ background-color: rgb(110,  
112, 224) }
```

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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