

Converting Colors

XYZ(51.7475, 53.8458, 71.4182)

Have a look what the booklet for
XYZ(51.7475, 53.8458, 71.4182)
contains.

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Color

**XYZ(51.6791, 53.8777,
71.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC2D6
RGB	186, 194, 214
RGB Percent	73%, 76%, 84%
CMY	0.2706, 0.2392, 0.1608
CMYK	0.13, 0.09, 0.00, 0.16
HSL	223°, 25%, 78%
HSV	223°, 13%, 84%
XYZ	51.6791, 53.8777, 71.2940
YIQ	193.8880, -11.1880, 4.5240

Conversions

Conversions Part 2

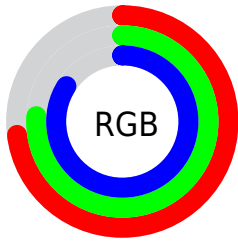
Format	Color
R _Y B	186, 192, 214
Decimal	12239574
CIE Lab	78.39, 1.24, -10.93
CIE LCh	78, 10.999, 276.477
Yxy	53.8777, 0.2922, 0.3047
Android (android.graphics.Color)	4290429654 (0xFFBAC2D6)
YUV	193.8880, 9.9152, -6.9178
Hunter-Lab	73.4014, -2.7776, -6.2067

Details

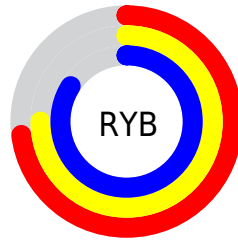
The XYZ color **51.6791, 53.8777, 71.2940** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6662, 61.9838, 55.3276**, and the grayscale version is **51.1612, 53.8256, 58.6161**.

A 20% lighter version of the original color is **88.8536, 94.4685, 108.1589**, and **25.3090, 26.2459, 36.5329** is the 20% darker color. If you saturate the color by 10%, you get **43.6362, 44.9400, 69.9936**, and if you desaturate by 10%, it is **60.8537, 63.9210, 72.7499**.

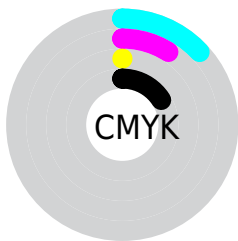
Distribution



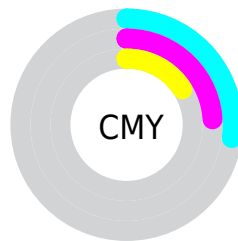
- Red (73%)
- Green (76%)
- Blue (84%)



- Red (73%)
- Yellow (75%)
- Blue (84%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6791, 53.8777, 71.2940 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 51.6791, 53.8777, 71.2940 by changing the saturation by 10% instead.

■ 51.6791, 53.8777,
71.2940

■ 51.6791, 53.8777,
71.2940

383.5408,
401.6435, 483.9919

■ 36.9726, 38.5039,
52.0989

■ 91.8348, 95.8947,
122.7506

■ 25.3598, 26.3740,
36.7011

118.0148,
123.3066, 155.8492

■ 16.4755, 17.1036,
24.6822

148.7499,
155.5000, 194.4193

■ 9.9542, 10.3084,
15.6236

184.4056,
192.8593, 238.8794

■ 5.4307, 5.6039,
9.1067

225.3472,
235.7690, 289.6483

■ 2.5394, 2.6058,
4.7131

271.9400,

■ 0.9152, 0.9296,

284.6133, 347.1442

2.0241

324.5494,
339.7766, 411.7859

■ 0.0000, 0.0000,
0.5701

■ 0.0000, 0.0000,
0.0000

■ 51.6791, 53.8777,
71.2940

■ 51.6791, 53.8777,
71.2940

■ 43.6362, 44.9400,
69.9936

■ 60.8537, 63.9210,
72.7499

■ 36.6752, 37.0624,
68.8400

■ 71.1975, 75.1000,
74.3624

■ 30.7496, 30.2059,
67.8288

■ 82.7524, 87.4520,
76.1376

■ 25.8074, 24.3265,
66.9545

■ 89.1378, 97.6351,
77.7666

■ 21.7919, 19.3767,
66.2107

■ 18.6406, 15.3047,
65.5908

■ 16.2819, 12.0529,
65.0875

■ 14.6317, 9.5552,
64.6924

■ 13.8152, 8.2099,
64.4757

Harmonies

Analogous

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



49.5693, 53.8777, 70.2599



51.6791, 53.8777, 71.2940



53.7182, 53.8777, 68.7574

Triad

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



51.6791, 53.8777, 71.2940



54.6219, 53.8777, 51.8725



47.4946, 53.8777, 54.0432

Complementary

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



51.6791, 53.8777, 71.2940



58.6662, 61.9838, 55.3276

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.



48.7794, 53.8777, 49.6095



51.6791, 53.8777, 71.2940



52.8847, 53.8777, 48.4192

Square

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



51.6791, 53.8777, 71.2940



55.4478, 53.8777, 57.3320



50.7420, 53.8777, 47.6207



47.1922, 53.8777, 60.0158

Rectangle

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



51.6791, 53.8777, 71.2940



54.7502, 53.8777, 65.4810



50.7420, 53.8777, 47.6207



47.8241, 53.8777, 52.3367

Sweetspot

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



51.6807, 53.8799, 71.2952



89.1163, 93.5563, 107.9690



55.3893, 62.9700, 67.3741



18.8425, 19.7721, 23.0732



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.



51.6807, 53.8799, 71.2952



72.9985, 75.8632, 105.4034



51.3347, 51.1284, 70.7823



12.0288, 12.5810, 15.7319



8.4276, 5.1169, 38.9966



0.5787, 0.4495, 2.3756

Inverse Universe

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



55.0294, 53.3103, 58.4310



79.0456, 74.9378, 82.1496



59.0355, 65.1072, 55.9110



12.5677, 12.4786, 13.6639



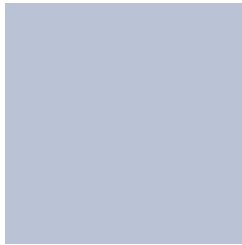
17.3127, 8.8614, 3.6848



1.0798, 0.5487, 0.4094

Previews

White Background



This preview shows how the XYZ color 51.6791, 53.8777, 71.2940 looks on a white background.

Color Contrast Check

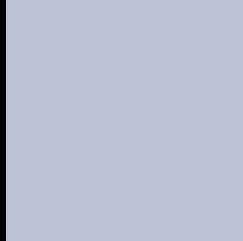
Large Text (above 18pt) WCAG AA × Fail

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 51.6791, 53.8777, 71.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

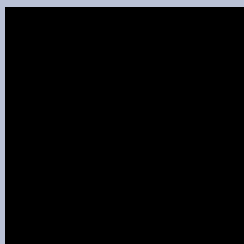
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

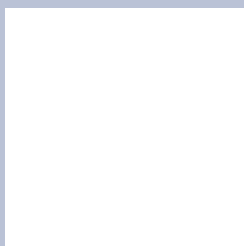
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6791, 53.8777, 71.2940

Background



This preview shows how black text looks on a background with the XYZ color 51.6791, 53.8777, 71.2940.



This preview shows how white text looks on a background with the XYZ color 51.6791, 53.8777,

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

51.6791, 53.8777, 71.2940

Protanopia

52.5981, 53.7098, 70.5456

Deuteranopia

55.0919, 53.9980, 71.8090



Tritanopia

51.1555, 53.9976, 68.6992

Trichromacy



Original Color

51.6791, 53.8777, 71.2940

Protanomaly

52.3154, 53.8912, 70.5955

Deuteranomaly

53.9225, 54.0382, 71.8784

Tritanomaly

51.2806, 54.0476, 69.3575

Monochromacy



Original Color

51.6791, 53.8777, 71.2940

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3203, 53.8770, 62.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6791, 53.8777, 71.2940 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(186, 194, 214) looks like.

```
.text, #text, p{  
    color:rgb(186, 194, 214)  
}
```

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(186, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 214) }
```

Border

The CSS property to change the border of an element to XYZ 51.6791, 53.8777, 71.2940 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(186, 194, 214) }
```


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

```
.border{ border-color:rgb(186, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 194,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6791, 53.8777, 71.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 194, 214) }
```

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

```
.background{ background-color: rgb(186,  
194, 214) }
```

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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