

Converting Colors

XYZ(52.2956, 52.9261, 73.1113)

Have a look what the booklet for
XYZ(52.2956, 52.9261, 73.1113)
contains.

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Color

**XYZ(52.1730, 52.7838,
73.0841)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBED9
RGB	190, 190, 217
RGB Percent	75%, 75%, 85%
CMY	0.2549, 0.2549, 0.1490
CMYK	0.12, 0.12, 0.00, 0.15
HSL	240°, 26%, 80%
HSV	240°, 12%, 85%
XYZ	52.1730, 52.7838, 73.0841
YIQ	193.0780, -8.6670, 8.3970

Conversions

Conversions Part 2

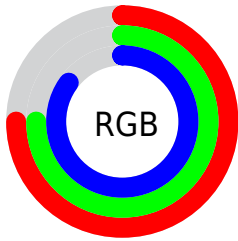
Format	Color
R_{YB}	190, 190, 217
Decimal	12500697
CIE _{Lab}	77.75, 5.31, -13.48
CIE _{LCh}	78, 14.487, 291.498
Yxy	52.7838, 0.2930, 0.2965
Android (android.graphics.Color)	4290690777 (0xFFBEBED9)
YUV	193.0780, 11.7935, -2.6994
Hunter-Lab	72.6525, 1.0422, -8.7855

Details

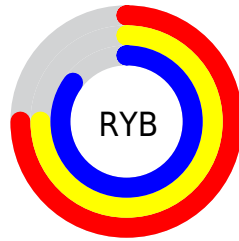
The XYZ color **52.1730, 52.7838, 73.0841** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.7226, 68.0946, 58.5540**, and the grayscale version is **50.6722, 53.3111, 58.0558**.

A 20% lighter version of the original color is **89.0118, 92.7244, 107.8139**, and **25.6206, 25.7342, 37.7993** is the 20% darker color. If you saturate the color by 10%, you get **42.7966, 41.4863, 71.3985**, and if you desaturate by 10%, it is **63.0592, 65.9009, 75.0430**.

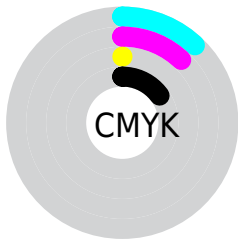
Distribution



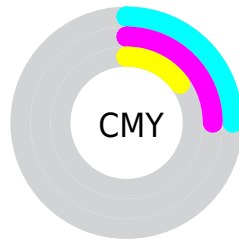
- Red (75%)
- Green (75%)
- Blue (85%)



- Red (75%)
- Yellow (75%)
- Blue (85%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1730, 52.7838, 73.0841 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 52.1730, 52.7838, 73.0841 by changing the saturation by 10% instead.

■ 52.1730, 52.7838,
73.0841

■ 52.1730, 52.7838,
73.0841

385.4171,
397.4551, 490.3848

■ 37.3678, 37.6302,
53.5525

□ 92.5590, 94.2862,
125.3186

■ 25.6674, 25.6958,
37.8533

118.8706,
121.4037, 158.8586

■ 16.7063, 16.5962,
25.5679

149.7484,
153.2780, 197.9051

■ 10.1193, 9.9470,
16.2778

185.5576,
190.2935, 242.8768

■ 5.5410, 5.3638,
9.5645

226.6638,
232.8346, 294.1920

■ 2.6061, 2.4623,
5.0093

273.4322,

■ 0.9490, 0.8577,

281.2856, 352.2694

2.1939

326.2282,
336.0310, 417.5275

■ 0.0000, 0.0000,
0.6708

■ 0.0000, 0.0000,
0.0000

■ 52.1730, 52.7838,
73.0841

■ 52.1730, 52.7838,
73.0841

■ 42.7966, 41.4863,
71.3985

■ 63.0592, 65.9009,
75.0430

■ 34.8587, 31.9219,
69.9707

■ 75.5126, 80.9060,
77.2829

■ 28.2899, 24.0069,
68.7892

■ 89.5245, 97.7898,
79.8033

■ 23.0126, 17.6481,
67.8400

■ 18.9418, 12.7430,
67.1077

■ 15.9823, 9.1768,
66.5754

■ 14.0245, 6.8176,
66.2232

■ 12.9367, 5.5067,
66.0275

■ 12.5248, 5.0103,
65.9534

Harmonies

Analogous

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



49.3758, 52.7838, 74.1518



52.1730, 52.7838, 73.0841



54.5119, 52.7838, 67.6403

Triad

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



52.1730, 52.7838, 73.0841



53.6043, 52.7838, 46.2070



45.0196, 52.7838, 55.2178

Complementary

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



52.1730, 52.7838, 73.0841



62.7226, 68.0946, 58.5540

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.



46.0639, 52.7838, 48.3785



52.1730, 52.7838, 73.0841



50.9715, 52.7838, 43.5032

Square

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



52.1730, 52.7838, 73.0841



55.3595, 52.7838, 51.9932



48.2178, 52.7838, 44.2594



45.3143, 52.7838, 63.3240

Rectangle

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



52.1730, 52.7838, 73.0841



55.4626, 52.7838, 62.5177



48.2178, 52.7838, 44.2594



45.2242, 52.7838, 52.7065

Sweetspot

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



52.1746, 52.7860, 73.0853



88.2287, 91.7810, 107.6731



58.5149, 65.5601, 74.9103



18.6188, 19.3247, 22.9987



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.



52.1746, 52.7860, 73.0853



71.3404, 71.4323, 104.6355



55.5810, 54.5412, 73.2445



12.3388, 12.6174, 16.4372



7.5818, 3.0330, 39.9242



0.4912, 0.1966, 2.5865

Inverse Universe

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



56.3242, 55.2975, 56.4226



78.4808, 75.7539, 75.9634



58.9962, 66.1746, 58.3798



13.0561, 13.0516, 13.5569



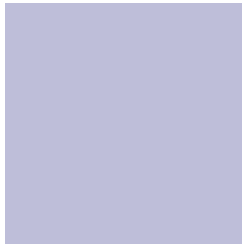
17.3223, 8.9299, 0.8112



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 52.1730, 52.7838, 73.0841 looks on a white background.

Color Contrast Check

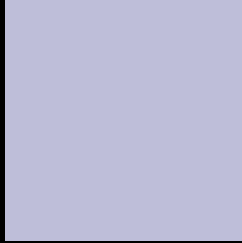
Large Text (above 18pt) WCAG AA × Fail

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 52.1730, 52.7838, 73.0841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

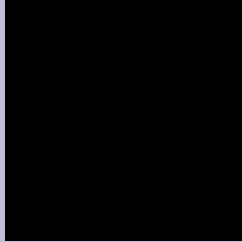
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1730, 52.7838, 73.0841

Background



This preview shows how black text looks on a background with the XYZ color 52.1730, 52.7838, 73.0841.



This preview shows how white text looks on a background with the XYZ color 52.1730, 52.7838,

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

52.1730, 52.7838, 73.0841

Protanopia

51.8942, 52.9627, 73.1333

Deuteranopia

53.9784, 52.7447, 73.6654



Tritanopia

50.8512, 52.8956, 66.5612

Trichromacy



Original Color

52.1730, 52.7838, 73.0841

Protanomaly

52.1415, 53.0902, 73.1449

Deuteranomaly

53.4031, 52.7642, 73.6995

Tritanomaly

51.3749, 52.7836, 69.1085

Monochromacy



Original Color

52.1730, 52.7838, 73.0841

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2485, 53.1700, 63.4389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1730, 52.7838, 73.0841 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(190, 190, 217)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 217)  
}
```

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(190, 190, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.1730, 52.7838, 73.0841 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(190, 190, 217) }
```


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

```
.border{ border-color:rgb(190, 190, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 217);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1730, 52.7838, 73.0841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 217) }
```

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

```
.background{ background-color: rgb(190,  
190, 217) }
```

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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