

Converting Colors

XYZ(60.4294, 72.6296, 73.4909)

Have a look what the booklet for
XYZ(60.4294, 72.6296, 73.4909)
contains.

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Color

**XYZ(60.3953, 72.5846,
73.7778)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E8D5
RGB	183, 232, 213
RGB Percent	72%, 91%, 84%
CMY	0.2823, 0.0902, 0.1647
CMYK	0.21, 0.00, 0.08, 0.09
HSL	157°, 52%, 81%
HSV	157°, 21%, 91%
XYZ	60.3953, 72.5846, 73.7778
YIQ	215.1830, -23.1050, -16.2970

Conversions

Conversions Part 2

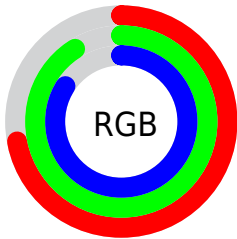
Format	Color
RYB	183, 213, 232
Decimal	12052693
CIELab	88.25, -19.49, 4.08
CIELCh	88, 19.914, 168.192
Yxy	72.5846, 0.2921, 0.3511
Android (android.graphics.Color)	4290242773 (0xFFB7E8D5)
YUV	215.1830, -1.0762, -28.2245
Hunter-Lab	85.1966, -22.5566, 8.2942

Details

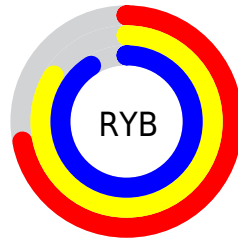
The XYZ color **60.3953, 72.5846, 73.7778** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.8755, 55.2889, 63.3437**, and the grayscale version is **64.7352, 68.1065, 74.1679**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.7501, 38.1864, 38.0978** is the 20% darker color. If you saturate the color by 10%, you get **54.2152, 69.5289, 67.6926**, and if you desaturate by 10%, it is **67.5525, 76.1406, 80.2426**.

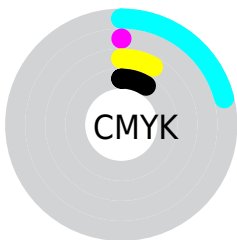
Distribution



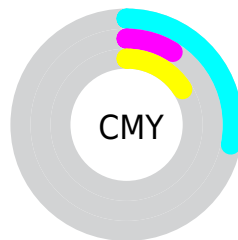
- Red (72%)
- Green (91%)
- Blue (84%)



- Red (72%)
- Yellow (84%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (28%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3953, 72.5846, 73.7778 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 60.3953, 72.5846, 73.7778 by changing the saturation by 10% instead.

60.3953, 72.5846,
73.7778

60.3953, 72.5846,
73.7778

415.8647,
469.5738, 492.8490

43.9880, 53.6364,
54.1165

104.5060,
122.8873, 126.3119

30.8590, 38.3110,
38.3010

132.9401,
155.0106, 160.0218

20.6428, 26.2242,
25.9127

166.1138,
192.2943, 199.2516

12.9741, 16.9914,
16.5332

204.3926,
235.1229, 244.4200

7.4876, 10.2284,
9.7438

248.1417,
283.8808, 295.9453

3.8179, 5.5506,
5.1261

297.7265,

1.5996, 2.5738,

338.9523, 354.2463

2.2614

353.5124,
400.7218, 419.7413

■ 0.3922, 0.9135,
0.7095

■ 0.0000, 0.0000,
0.0000

■ 60.3953, 72.5846,
73.7778

■ 60.3953, 72.5846,
73.7778

■ 54.2152, 69.5289,
67.6926

■ 67.5525, 76.1406,
80.2426

■ 48.9604, 66.9411,
61.9746

■ 75.7230, 80.2096,
87.0892

■ 44.5837, 64.7989,
56.6178

■ 84.9489, 84.8151,
94.3262

■ 41.0310, 63.0745,
51.6140

■ 87.1953, 85.8148,
101.5826

■ 38.2421, 61.7369,
46.9546

■ 88.1479, 86.1959,
106.5993

■ 36.1477, 60.7508,
42.6305

■ 34.6656, 60.0737,
38.6318

■ 33.7430, 59.6699,
35.3436

Harmonies

Analogous

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



62.3761, 72.5846, 62.7824



60.3953, 72.5846, 73.7778



60.6375, 72.5846, 87.5201

Triad

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



60.3953, 72.5846, 73.7778



71.8928, 72.5846, 106.7063



75.2864, 72.5846, 61.0249

Complementary

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



60.3953, 72.5846, 73.7778



60.8755, 55.2889, 63.3437

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.



78.0751, 72.5846, 71.1118



60.3953, 72.5846, 73.7778



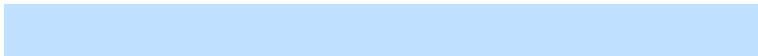
76.0545, 72.5846, 97.8689

Square

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



60.3953, 72.5846, 73.7778



67.1295, 72.5846, 107.6338



78.3626, 72.5846, 84.5305



70.8835, 72.5846, 56.0076

Rectangle

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



60.3953, 72.5846, 73.7778



62.0289, 72.5846, 96.4118



78.3626, 72.5846, 84.5305



76.4523, 72.5846, 63.8779

Sweetspot

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



60.3973, 72.5876, 73.7794



88.7027, 96.8365, 103.6933



61.9261, 73.7757, 55.7772



18.8442, 20.6564, 22.0756



0.0000, 0.0000, 0.0000



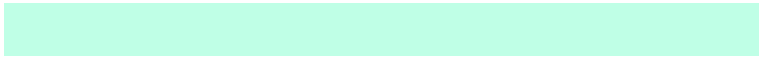
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3973, 72.5876, 73.7794



71.6308, 88.3576, 88.3471



61.5928, 70.8893, 86.7842



14.5582, 16.2367, 17.2043



18.7954, 33.1503, 19.9547



1.4341, 2.4678, 1.7125

Inverse Universe

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



60.8755, 55.2889, 63.3437



72.3164, 63.5872, 73.4089



59.7901, 56.5003, 52.5553



14.6072, 14.4601, 16.1319



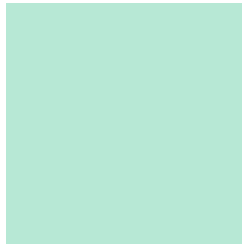
19.5561, 9.9567, 6.5575



1.4895, 0.7535, 0.7184

Previews

White Background



This preview shows how the XYZ color 60.3953, 72.5846, 73.7778 looks on a white background.

Color Contrast Check

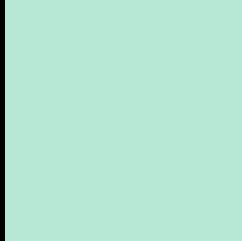
Large Text (above 18pt) WCAG AA × Fail

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 60.3953, 72.5846, 73.7778 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

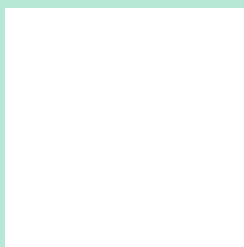
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3953, 72.5846, 73.7778

Background



This preview shows how black text looks on a background with the XYZ color 60.3953, 72.5846, 73.7778.



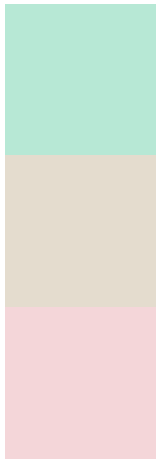
This preview shows how white text looks on a background with the XYZ color 60.3953, 72.5846,

73.7778.

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

60.3953, 72.5846, 73.7778

Protanopia

68.7287, 72.1366, 68.6939

Deuteranopia

73.8792, 72.3360, 75.7140



Tritanopia

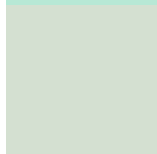
64.9368, 72.3496, 96.9285

Trichromacy



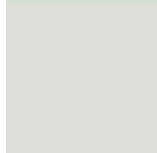
Original Color

60.3953, 72.5846, 73.7778



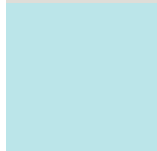
Protanomaly

65.3157, 71.9118, 70.7595



Deuteranomaly

68.3753, 72.2004, 75.2980



Tritanomaly

63.2208, 72.4866, 87.7500

Monochromacy



Original Color

60.3953, 72.5846, 73.7778



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.6227, 69.2645, 73.6871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3953, 72.5846, 73.7778 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(183, 232, 213)` looks like.

```
.text, #text, p{  
    color:rgb(183, 232, 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(183, 232, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 232, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.3953, 72.5846, 73.7778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

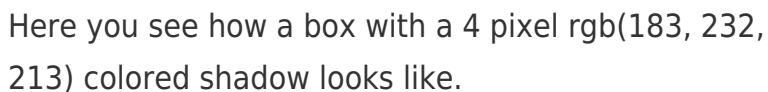
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 232, 213) }
```


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

```
.border{ border-color:rgb(183, 232, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 232, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 232, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 232, 213);  
box-shadow:4px 4px 4px 4px rgb(183, 232,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3953, 72.5846, 73.7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 232, 213) }
```

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

```
.background{ background-color: rgb(183,  
232, 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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