

Converting Colors

XYZ(50.7299, 53.7022, 75.9441)

Have a look what the booklet for
XYZ(50.7299, 53.7022, 75.9441)
contains.

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Color

**XYZ(50.6977, 53.5978,
76.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C3DD
RGB	177, 195, 221
RGB Percent	69%, 76%, 87%
CMY	0.3059, 0.2353, 0.1333
CMYK	0.20, 0.12, 0.00, 0.13
HSL	215°, 39%, 78%
HSV	215°, 20%, 87%
XYZ	50.6977, 53.5978, 76.0800
YIQ	192.5820, -19.0740, 4.2700

Conversions

Conversions Part 2

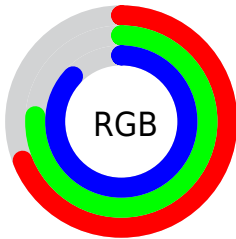
Format	Color
RYB	177, 190, 221
Decimal	11650013
CIELab	78.23, -0.65, -15.01
CIELCh	78, 15.028, 267.509
Yxy	53.5978, 0.2811, 0.2971
Android (android.graphics.Color)	4289840093 (0xFFB1C3DD)
YUV	192.5820, 14.0101, -13.6654
Hunter-Lab	73.2105, -4.5086, -10.3665

Details

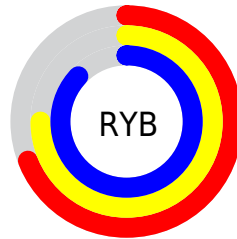
The XYZ color **50.6977, 53.5978, 76.0800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1110, 61.2583, 50.3047**, and the grayscale version is **50.3731, 52.9964, 57.7131**.

A 20% lighter version of the original color is **86.1515, 93.5380, 108.1217**, and **24.7200, 26.0880, 39.8090** is the 20% darker color. If you saturate the color by 10%, you get **43.2670, 45.6133, 74.9313**, and if you desaturate by 10%, it is **59.2027, 62.5187, 77.3545**.

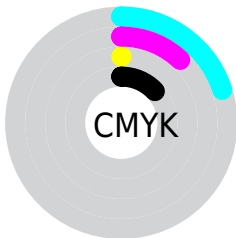
Distribution



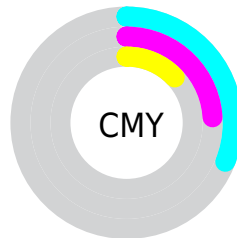
- Red (69%)
- Green (76%)
- Blue (87%)



- Red (69%)
- Yellow (75%)
- Blue (87%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6977, 53.5978, 76.0800 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 50.6977, 53.5978, 76.0800 by changing the saturation by 10% instead.

■ 50.6977, 53.5978,
76.0800

■ 50.6977, 53.5978,
76.0800

379.7952,
400.5744, 500.9756

■ 36.1881, 38.2802,
55.9911

■ 90.3934, 95.4834,
129.6011

■ 24.7503, 26.2002,
39.7918

116.3103,
122.8203, 163.8704

■ 16.0189, 16.9735,
27.0637

146.7603,
154.9323, 203.7035

■ 9.6284, 10.2156,
17.3882

182.1089,
192.2040, 249.5189

■ 5.2137, 5.5421,
10.3468

222.7213,
235.0196, 301.7354

■ 2.4092, 2.5687,
5.5209

268.9629,

■ 0.8497, 0.9110,

283.7636, 360.7713

2.4920

321.1991,
338.8205, 427.0452

■ 0.0000, 0.0000,
0.8359

■ 0.0000, 0.0000,
0.0000

■ 50.6977, 53.5978,
76.0800

■ 50.6977, 53.5978,
76.0800

■ 43.2670, 45.6133,
74.9313

■ 59.2027, 62.5187,
77.3545

■ 36.8601, 38.5253,
73.9009

■ 68.8200, 72.4009,
78.7551

■ 31.4294, 32.3007,
72.9857

■ 79.5916, 83.2762,
80.2865

■ 26.9213, 26.9013,
72.1811

■ 87.6243, 93.1466,
81.7683

■ 23.2767, 22.2856,
71.4823

■ 90.0513, 98.0005,
82.5773

■ 20.4287, 18.4076,
70.8838

■ 18.2988, 15.2145,
70.3798

■ 16.7557, 12.6256,
69.9614

■ 16.7431, 12.6042,
69.9579

Harmonies

Analogous

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



47.9655, 53.5978, 73.1126



50.6977, 53.5978, 76.0800



53.5999, 53.5978, 73.9337

Triad

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



50.6977, 53.5978, 76.0800



56.1250, 53.5978, 51.1937



46.3207, 53.5978, 50.0845

Complementary

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



50.6977, 53.5978, 76.0800



59.1110, 61.2583, 50.3047

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.



48.3756, 53.5978, 45.1411



50.6977, 53.5978, 76.0800



54.0415, 53.5978, 45.7369

Square

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



50.6977, 53.5978, 76.0800



56.8040, 53.5978, 59.0657



51.1893, 53.5978, 43.6283



45.4999, 53.5978, 57.6578

Rectangle

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



50.6977, 53.5978, 76.0800



55.2277, 53.5978, 69.9961



51.1893, 53.5978, 43.6283



46.8861, 53.5978, 48.0888

Sweetspot

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



50.6993, 53.6000, 76.0812



86.8270, 91.5799, 107.7082



54.7288, 65.3570, 66.0236



18.4004, 19.4121, 23.0271



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.



50.6993, 53.6000, 76.0812



65.5365, 69.2423, 104.5187



47.7524, 46.4494, 74.8563



12.7740, 13.4877, 16.5823



9.8314, 7.5322, 40.6741



0.7203, 0.6548, 2.6629

Inverse Universe

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



55.3926, 50.7578, 58.5100



73.2524, 64.8606, 75.5657



62.5077, 69.6911, 51.7533



13.2758, 13.1394, 14.7135



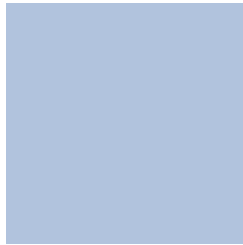
18.4578, 9.3841, 6.7906



1.2379, 0.6248, 0.6616

Previews

White Background



This preview shows how the XYZ color 50.6977, 53.5978, 76.0800 looks on a white background.

Color Contrast Check

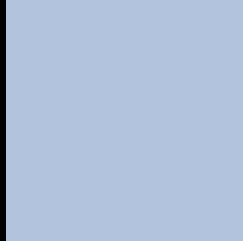
Large Text (above 18pt) WCAG AA × Fail

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 50.6977, 53.5978, 76.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

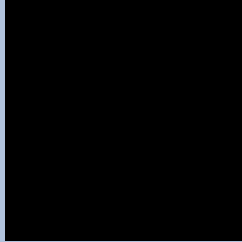
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6977, 53.5978, 76.0800

Background



This preview shows how black text looks on a background with the XYZ color 50.6977, 53.5978, 76.0800.



This preview shows how white text looks on a background with the XYZ color 50.6977, 53.5978,

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

50.6977, 53.5978, 76.0800

Protanopia

52.6221, 53.6326, 74.5965

Deuteranopia

54.4567, 53.2461, 76.5146



Tritanopia

49.3028, 53.3473, 69.9859

Trichromacy



Original Color

50.6977, 53.5978, 76.0800

Protanomaly

51.9958, 53.6215, 75.3197

Deuteranomaly

53.0508, 53.4827, 76.6344

Tritanomaly

49.9102, 53.6163, 72.0084

Monochromacy



Original Color

50.6977, 53.5978, 76.0800

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.5648, 53.4602, 64.1537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6977, 53.5978, 76.0800 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(177, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(177, 195, 221)  
}
```

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(177, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 195, 221) }
```

Border

The CSS property to change the border of an element to XYZ 50.6977, 53.5978, 76.0800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

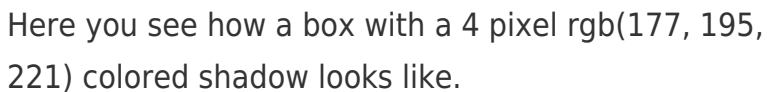
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 195, 221) }
```


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

```
.border{ border-color:rgb(177, 195, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 195, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 195, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 195, 221); box-shadow:4px 4px 4px 4px rgb(177, 195, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6977, 53.5978, 76.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 195, 221) }
```

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

```
.background{ background-color: rgb(177,  
195, 221) }
```

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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