

Converting Colors

XYZ(50.7319, 50.7725, 75.8847)

Have a look what the booklet for
XYZ(50.7319, 50.7725, 75.8847)
contains.

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Color

**XYZ(50.7513, 50.7060,
76.2196)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BADE
RGB	185, 186, 222
RGB Percent	73%, 73%, 87%
CMY	0.2745, 0.2706, 0.1294
CMYK	0.17, 0.16, 0.00, 0.13
HSL	238°, 36%, 80%
HSV	238°, 17%, 87%
XYZ	50.7513, 50.7060, 76.2196
YIQ	189.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

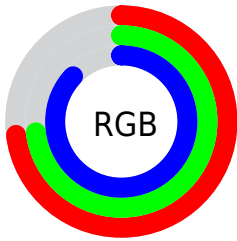
Format	Color
RYB	185, 186, 222
Decimal	12171998
CIELab	76.50, 6.93, -18.10
CIELCh	77, 19.379, 290.951
Yxy	50.7060, 0.2856, 0.2854
Android (android.graphics.Color)	4290362078 (0xFFB9BADE)
YUV	189.8050, 15.8721, -4.2140
Hunter-Lab	71.2081, 2.6058, -13.6170

Details

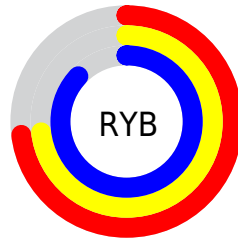
The XYZ color **50.7513, 50.7060, 76.2196** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.7380, 70.7452, 56.1433**, and the grayscale version is **48.7493, 51.2880, 55.8526**.

A 20% lighter version of the original color is **86.0778, 89.4250, 107.3317**, and **24.8783, 24.4706, 39.9713** is the 20% darker color. If you saturate the color by 10%, you get **41.5968, 39.7358, 74.5854**, and if you desaturate by 10%, it is **61.4329, 63.4870, 78.1244**.

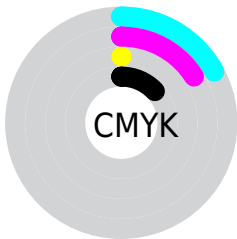
Distribution



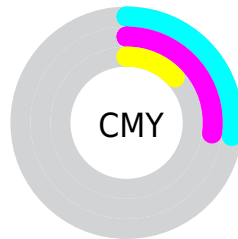
- Red (73%)
- Green (73%)
- Blue (87%)



- Red (73%)
- Yellow (73%)
- Blue (87%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7513, 50.7060, 76.2196 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 50.7513, 50.7060, 76.2196 by changing the saturation by 10% instead.

■ 50.7513, 50.7060,
76.2196

■ 50.7513, 50.7060,
76.2196

380.0004,
389.4205, 501.4659

■ 36.2310, 35.9747,
56.1049

■ 90.4722, 91.2200,
129.8002

■ 24.7836, 24.4146,
39.8824

116.4035,
117.7716, 164.1032

■ 16.0437, 15.6415,
27.1338

146.8692,
149.0319, 203.9726

■ 9.6462, 9.2708,
17.4404

182.2346,
185.3856, 249.8270

■ 5.2254, 4.9182,
10.3837

222.8650,
227.2168, 302.0851

■ 2.4162, 2.1994,
5.5452

269.1259,

■ 0.8532, 0.7197,

274.9101, 361.1652

2.5063

321.3826,
328.8499, 427.4860

■ 0.0000, 0.0000,
0.8435

■ 0.0000, 0.0000,
0.0000

■ 50.7513, 50.7060,
76.2196

■ 50.7513, 50.7060,
76.2196

■ 41.5968, 39.7358,
74.5854

■ 61.4329, 63.4870,
78.1244

■ 33.8953, 30.4886,
73.2065

■ 73.7019, 78.1488,
80.3078

■ 27.5735, 22.8789,
72.0708

■ 87.6211, 94.7654,
82.7815

■ 22.5498, 16.8111,
71.1644

■ 90.1850, 98.0540,
83.2811

■ 18.7342, 12.1800,
70.4716

■ 16.0251, 8.8671,
69.9750

■ 14.3043, 6.7350,
69.6541

■ 13.4243, 5.6151,
69.4843

■ 13.2502, 5.4045,
69.4529

Harmonies

Analogous

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



47.0977, 50.7060, 77.5667



50.7513, 50.7060, 76.2196



53.8608, 50.7060, 68.8849

Triad

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



50.7513, 50.7060, 76.2196



52.7587, 50.7060, 41.0085



41.5822, 50.7060, 52.1049

Complementary

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



50.7513, 50.7060, 76.2196



64.7380, 70.7452, 56.1433

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.



42.9403, 50.7060, 43.4768



50.7513, 50.7060, 76.2196



49.3083, 50.7060, 37.6240

Square

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



50.7513, 50.7060, 76.2196



55.0599, 50.7060, 48.3218



45.7251, 50.7060, 38.4667



41.9250, 50.7060, 62.7240

Rectangle

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



50.7513, 50.7060, 76.2196



55.1471, 50.7060, 62.0429



45.7251, 50.7060, 38.4667



41.8523, 50.7060, 48.8985

Sweetspot

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



50.7529, 50.7081, 76.2207



86.6834, 90.0007, 107.4109



59.1499, 67.7658, 78.2072



18.3117, 18.9744, 22.9472



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.



50.7529, 50.7081, 76.2207



64.8744, 63.9025, 103.5229



54.9642, 52.5669, 76.3576



12.9817, 13.3024, 17.2711



7.8832, 3.2360, 41.2575



0.5571, 0.2456, 2.8633

Inverse Universe

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



56.3374, 53.7740, 53.8668



73.8984, 68.8719, 67.3978



59.9826, 68.6875, 55.9968



13.7222, 13.7065, 14.3073



17.9193, 9.2347, 0.9748



1.2474, 0.6423, 0.0959

Previews

White Background



This preview shows how the XYZ color 50.7513, 50.7060, 76.2196 looks on a white background.

Color Contrast Check

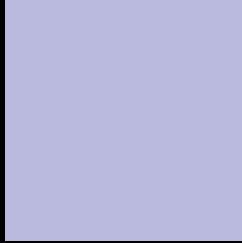
Large Text (above 18pt) WCAG AA × Fail

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 50.7513, 50.7060, 76.2196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

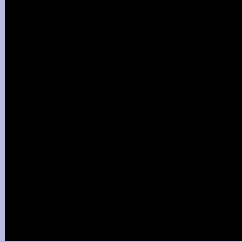
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7513, 50.7060, 76.2196

Background



This preview shows how black text looks on a background with the XYZ color 50.7513, 50.7060, 76.2196.



This preview shows how white text looks on a background with the XYZ color 50.7513, 50.7060,

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

50.7513, 50.7060, 76.2196

Protanopia

50.3810, 50.8134, 76.9646

Deuteranopia

51.8112, 50.6313, 76.1493



Tritanopia

48.3881, 50.6999, 64.3625

Trichromacy



Original Color

50.7513, 50.7060, 76.2196

Protanomaly

50.6180, 50.9356, 76.9757

Deuteranomaly

51.5200, 50.7907, 76.1954

Tritanomaly

49.2695, 50.7369, 68.8244

Monochromacy



Original Color

50.7513, 50.7060, 76.2196

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5973, 51.3508, 63.1748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7513, 50.7060, 76.2196 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(185, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 222)  
}
```

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(185, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 50.7513, 50.7060, 76.2196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

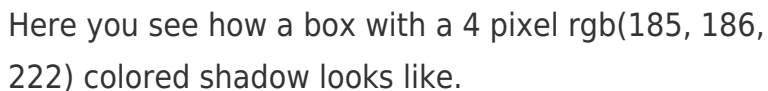
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 186, 222) }
```


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

```
.border{ border-color:rgb(185, 186, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 186, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 186, 222); box-shadow:4px 4px 4px 4px rgb(185, 186, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7513, 50.7060, 76.2196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 222) }
```

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

```
.background{ background-color: rgb(185,  
186, 222) }
```

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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