

Converting Colors

XYZ(49.8242, 52.8394, 66.2442)

Have a look what the booklet for
XYZ(49.8242, 52.8394, 66.2442)
contains.

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Color

**XYZ(49.7390, 52.6634,
65.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C1CE
RGB	183, 193, 206
RGB Percent	72%, 76%, 81%
CMY	0.2823, 0.2431, 0.1922
CMYK	0.11, 0.06, 0.00, 0.19
HSL	214°, 19%, 76%
HSV	214°, 11%, 81%
XYZ	49.7390, 52.6634, 65.9361
YIQ	191.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

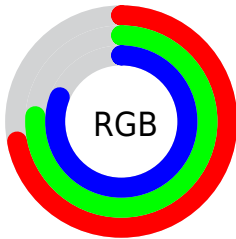
Format	Color
RYB	183, 190, 206
Decimal	12042702
CIELab	77.68, -0.85, -7.70
CIELCh	78, 7.744, 263.687
Yxy	52.6634, 0.2955, 0.3128
Android (android.graphics.Color)	4290232782 (0xFFB7C1CE)
YUV	191.4920, 7.1524, -7.4475
Hunter-Lab	72.5696, -4.6532, -3.0717

Details

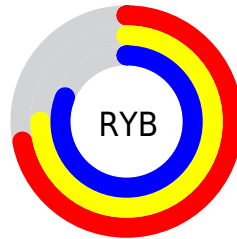
The XYZ color **49.7390, 52.6634, 65.9361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7412, 56.0205, 52.7814**, and the grayscale version is **49.7721, 52.3642, 57.0246**.

A 20% lighter version of the original color is **87.5223, 93.3221, 108.0078**, and **24.2515, 25.7690, 33.4015** is the 20% darker color. If you saturate the color by 10%, you get **42.7206, 45.3753, 64.9001**, and if you desaturate by 10%, it is **57.6803, 60.7308, 67.0755**.

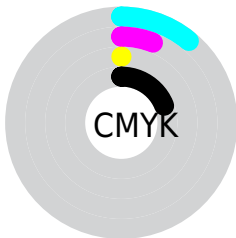
Distribution



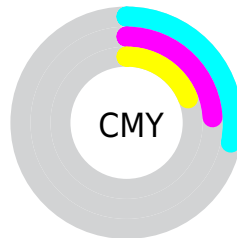
- Red (72%)
- Green (76%)
- Blue (81%)



- Red (72%)
- Yellow (75%)
- Blue (81%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7390, 52.6634, 65.9361 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 49.7390, 52.6634, 65.9361 by changing the saturation by 10% instead.

■ 49.7390, 52.6634,
65.9361

■ 49.7390, 52.6634,
65.9361

376.1133,
396.9924, 464.5463

■ 35.4230, 37.5341,
47.7644

■ 88.9822, 94.1089,
115.0207

■ 24.1569, 25.6213,
33.2817

114.6401,
121.1939, 146.7707

■ 15.5754, 16.5406,
22.0694

144.8093,
153.0329, 183.8839

■ 9.3132, 9.9075,
13.7091

179.8553,
190.0104, 226.7788

■ 5.0048, 5.3376,
7.7822

220.1433,
232.5107, 275.8739

■ 2.2848, 2.4467,
3.8701

266.0387,

■ 0.7869, 0.8498,

280.9182, 331.5879

1.5544

317.9069,
335.6173, 394.3391

■ 0.0000, 0.0000,
0.2579

■ 0.0000, 0.0000,
0.0000

■ 49.7390, 52.6634,
65.9361

■ 49.7390, 52.6634,
65.9361

■ 42.7206, 45.3753,
64.9001

■ 57.6803, 60.7308,
67.0755

■ 36.5847, 38.8347,
63.9610

■ 66.5734, 69.5948,
68.3177

■ 31.2947, 33.0169,
63.1169

■ 76.4517, 79.2806,
69.6666

■ 26.8097, 27.8934,
62.3643

■ 83.4143, 87.7833,
70.9409

■ 23.0849, 23.4333,
61.6998

■ 86.9438, 94.8425,
72.1174

■ 20.0706, 19.6031,
61.1193

■ 88.1407, 97.2363,
72.5164

■ 17.7107, 16.3653,
60.6188

■ 15.9390, 13.6769,
60.1932

■ 14.7623, 11.6993,
59.8735

Harmonies

Analogous

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



48.3688, 52.6634, 64.2476



49.7390, 52.6634, 65.9361



51.2209, 52.6634, 65.2308

Triad

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



49.7390, 52.6634, 65.9361



52.7388, 52.6634, 54.0914



47.7701, 52.6634, 52.5946

Complementary

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



49.7390, 52.6634, 65.9361



53.7412, 56.0205, 52.7814

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.



48.9069, 52.6634, 50.1154



49.7390, 52.6634, 65.9361



51.7799, 52.6634, 50.9489

Square

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



49.7390, 52.6634, 65.9361



52.9723, 52.6634, 58.2531



50.3723, 52.6634, 49.5282



47.2468, 52.6634, 56.4394

Rectangle

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



49.7390, 52.6634, 65.9361



52.0706, 52.6634, 63.5148



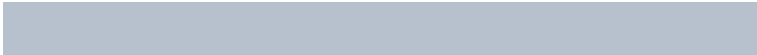
50.3723, 52.6634, 49.5282



48.0920, 52.6634, 51.5818

Sweetspot

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



49.7405, 52.6656, 65.9373



90.9277, 95.8505, 108.3163



51.5247, 58.1805, 60.5312



19.2316, 20.2829, 23.1513



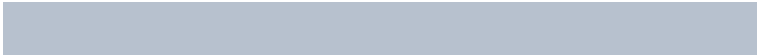
0.0000, 0.0000, 0.0000



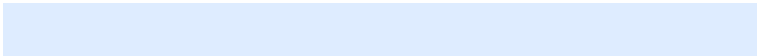
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7405, 52.6656, 65.9373



78.2006, 82.8705, 106.4817



47.8782, 48.5332, 65.2378



10.9964, 11.6332, 14.2362



9.1828, 7.3895, 36.8986



0.5487, 0.5312, 1.9286

Inverse Universe

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



52.0140, 50.8402, 57.5262



82.5006, 79.4945, 90.5559



55.7550, 60.5203, 53.5438



11.4115, 11.2933, 12.7017



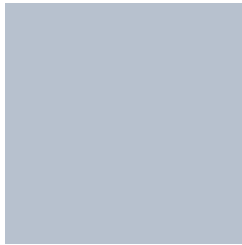
16.8459, 8.5490, 6.9074



0.9069, 0.4562, 0.5557

Previews

White Background



This preview shows how the XYZ color 49.7390, 52.6634, 65.9361 looks on a white background.

Color Contrast Check

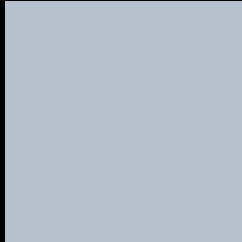
Large Text (above 18pt) WCAG AA × Fail

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 49.7390, 52.6634, 65.9361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

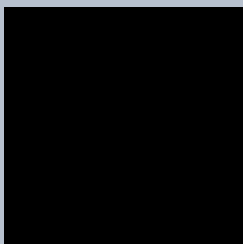
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

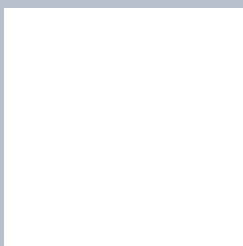
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7390, 52.6634, 65.9361

Background



This preview shows how black text looks on a background with the XYZ color 49.7390, 52.6634, 65.9361.

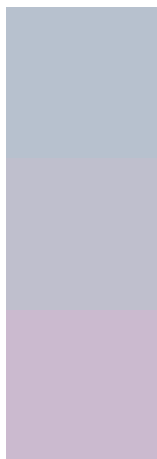


This preview shows how white text looks on a background with the XYZ color 49.7390, 52.6634,

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

49.7390, 52.6634, 65.9361

Protanopia

51.1361, 52.7457, 65.2434

Deuteranopia

53.4500, 52.3193, 66.3130



Tritanopia

49.9836, 52.7613, 67.2240

Trichromacy



Original Color

49.7390, 52.6634, 65.9361

Protanomaly

50.6081, 52.7984, 65.2814

Deuteranomaly

52.2250, 52.6359, 66.4387

Tritanomaly

49.8609, 52.7122, 66.5780

Monochromacy



Original Color

49.7390, 52.6634, 65.9361

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.5525, 52.3762, 59.7225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7390, 52.6634, 65.9361 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, 193, 206)` looks like.

```
.text, #text, p{  
    color:rgb(183, 193, 206)  
}
```

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, 193, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 193, 206) }
```

Border

The CSS property to change the border of an element to XYZ 49.7390, 52.6634, 65.9361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

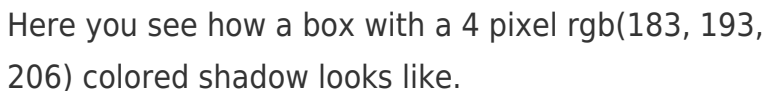
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 193, 206) }
```


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

```
.border{ border-color:rgb(183, 193, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 193, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 193, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 193, 206); box-shadow:4px 4px 4px 4px rgb(183, 193, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7390, 52.6634, 65.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 193, 206) }
```

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

```
.background{ background-color: rgb(183,  
193, 206) }
```

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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