

Converting Colors

XYZ(50.1478, 52.5107, 64.5473)

Have a look what the booklet for
XYZ(50.1478, 52.5107, 64.5473)
contains.

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Color

**XYZ(50.2422, 52.6237,
64.6361)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC0CC
RGB	187, 192, 204
RGB Percent	73%, 75%, 80%
CMY	0.2667, 0.2470, 0.2000
CMYK	0.08, 0.06, 0.00, 0.20
HSL	222°, 14%, 77%
HSV	222°, 8%, 80%
XYZ	50.2422, 52.6237, 64.6361
YIQ	191.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

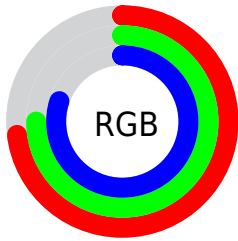
Format	Color
R_{YB}	187, 191, 204
Decimal	12304588
CIE Lab	77.65, 0.60, -6.62
CIE LCh	78, 6.645, 275.217
Yxy	52.6237, 0.2999, 0.3142
Android (android.graphics.Color)	4290494668 (0xFFBBC0CC)
YUV	191.8730, 5.9786, -4.2736
Hunter-Lab	72.5422, -3.3210, -2.0487

Details

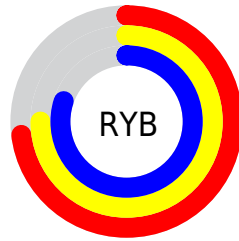
The XYZ color **50.2422, 52.6237, 64.6361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2950, 57.2715, 55.2074**, and the grayscale version is **49.9992, 52.6030, 57.2847**.

A 20% lighter version of the original color is **88.5795, 93.4095, 107.9689**, and **24.5692, 25.7356, 32.5267** is the 20% darker color. If you saturate the color by 10%, you get **42.5940, 44.2169, 63.4173**, and if you desaturate by 10%, it is **58.9117, 62.0189, 65.9934**.

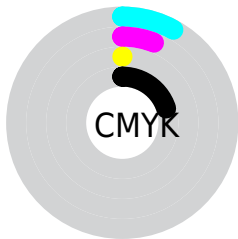
Distribution



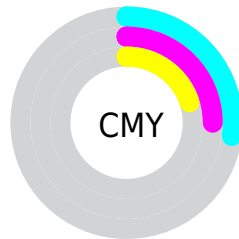
- Red (73%)
- Green (75%)
- Blue (80%)



- Red (73%)
- Yellow (75%)
- Blue (80%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2422, 52.6237, 64.6361 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 50.2422, 52.6237, 64.6361 by changing the saturation by 10% instead.

■ 50.2422, 52.6237,
64.6361

■ 50.2422, 52.6237,
64.6361

378.0487,
396.8397, 459.7535

■ 35.8245, 37.5025,
46.7166

■ 89.7233, 94.0504,
113.1348

■ 24.4681, 25.5968,
32.4589

115.5174,
121.1247, 144.5510

■ 15.8079, 16.5222,
21.4446

145.8343,
152.9521, 181.3033

■ 9.4783, 9.8944,
13.2549

181.0394,
189.9170, 223.8101

■ 5.1140, 5.3290,
7.4716

221.4980,
232.4038, 272.4900

■ 2.3498, 2.4416,
3.6758

267.5755,

■ 0.8199, 0.8472,

280.7969, 327.7615

1.4492

319.6373,
335.4808, 390.0431

■ 0.0000, 0.0000,
0.1797

■ 0.0000, 0.0000,
0.0000

■ 50.2422, 52.6237,
64.6361

■ 50.2422, 52.6237,
64.6361

■ 42.5940, 44.2169,
63.4173

■ 58.9117, 62.0189,
65.9934

■ 35.9239, 36.7588,
62.3293

■ 68.6342, 72.4272,
67.4900

■ 30.1924, 30.2167,
61.3687

■ 79.4461, 83.8807,
69.1309

■ 25.3553, 24.5535,
60.5305

■ 86.1976, 93.7365,
70.6774

■ 21.3648, 19.7294,
59.8097

■ 87.8992, 97.1397,
71.2446

■ 18.1684, 15.7011,
59.2006

■ 15.7073, 12.4211,
58.6972

■ 13.9134, 9.8359,
58.2928

■ 12.6883, 7.8746,
57.9788

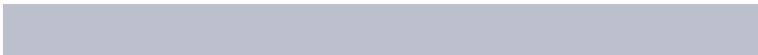
Harmonies

Analogous

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



48.9889, 52.6237, 63.9642



50.2422, 52.6237, 64.6361



51.4553, 52.6237, 63.2744

Triad

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



50.2422, 52.6237, 64.6361



52.0626, 52.6237, 53.3147



47.8079, 52.6237, 54.3837

Complementary

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



50.2422, 52.6237, 64.6361



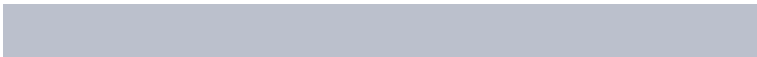
54.2950, 57.2715, 55.2074

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.



48.6062, 52.6237, 51.7108



50.2422, 52.6237, 64.6361



51.0599, 52.6237, 51.1124

Square

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



50.2422, 52.6237, 64.6361



52.5178, 52.6237, 56.6574



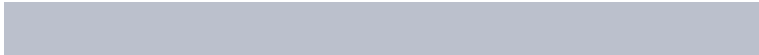
49.7930, 52.6237, 50.5379



47.5974, 52.6237, 57.9440

Rectangle

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



50.2422, 52.6237, 64.6361



52.0736, 52.6237, 61.4295



49.7930, 52.6237, 50.5379



48.0157, 52.6237, 53.3565

Sweetspot

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



50.2437, 52.6259, 64.6373



92.0611, 96.7706, 108.4342



52.3844, 57.8703, 62.3819



19.7362, 20.7468, 23.2143



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.



50.2437, 52.6259, 64.6373



80.8084, 84.5314, 106.6649



50.0055, 50.8999, 64.3167



10.8663, 11.3731, 14.1929



7.9491, 4.9223, 36.4874



0.4765, 0.3868, 1.9045

Inverse Universe

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



52.1878, 52.1848, 57.1939



84.6846, 83.6904, 91.8148



54.5433, 59.1366, 55.5543



11.3459, 11.2671, 12.3561



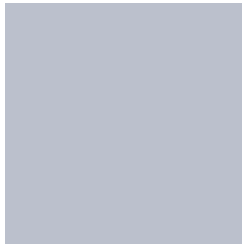
16.2233, 8.2999, 3.6284



0.8705, 0.4416, 0.3638

Previews

White Background



This preview shows how the XYZ color 50.2422, 52.6237, 64.6361 looks on a white background.

Color Contrast Check

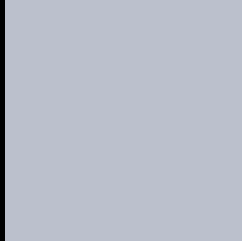
Large Text (above 18pt) WCAG AA × Fail

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 50.2422, 52.6237, 64.6361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

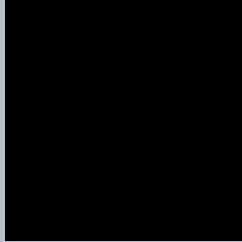
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2422, 52.6237, 64.6361

Background



This preview shows how black text looks on a background with the XYZ color 50.2422, 52.6237, 64.6361.

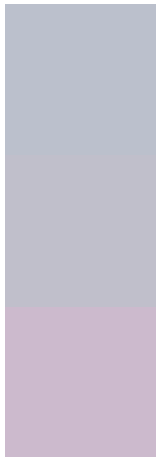


This preview shows how white text looks on a background with the XYZ color 50.2422, 52.6237,

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

50.2422, 52.6237, 64.6361

Protanopia

51.1485, 52.7799, 63.9916

Deuteranopia

53.4802, 52.3630, 65.0460



Tritanopia

50.6056, 52.7691, 66.5497

Trichromacy



Original Color

50.2422, 52.6237, 64.6361

Protanomaly

50.6455, 52.5205, 63.9681

Deuteranomaly

52.2914, 52.3800, 65.1119

Tritanomaly

50.4837, 52.7203, 65.9078

Monochromacy



Original Color

50.2422, 52.6237, 64.6361

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0486, 52.6319, 59.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2422, 52.6237, 64.6361 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(187, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(187, 192, 204)  
}
```

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(187, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 192, 204) }
```

Border

The CSS property to change the border of an element to XYZ 50.2422, 52.6237, 64.6361 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(187, 192, 204) }
```


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

```
.border{ border-color:rgb(187, 192, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(187, 192,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2422, 52.6237, 64.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 192, 204) }
```

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

```
.background{ background-color: rgb(187,  
192, 204) }
```

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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