

Converting Colors

XYZ(52.1754, 52.6627, 82.3266)

Have a look what the booklet for
XYZ(52.1754, 52.6627, 82.3266)
contains.

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Color

**XYZ(52.2248, 52.6074,
82.2646)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BEE6
RGB	183, 190, 230
RGB Percent	72%, 75%, 90%
CMY	0.2823, 0.2549, 0.0980
CMYK	0.20, 0.17, 0.00, 0.10
HSL	231°, 48%, 81%
HSV	231°, 20%, 90%
XYZ	52.2248, 52.6074, 82.2646
YIQ	192.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

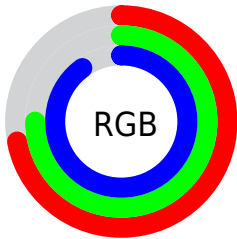
Format	Color
R_{YB}	183, 189, 230
Decimal	12041958
CIE Lab	77.64, 5.90, -20.70
CIE LCh	78, 21.528, 285.893
Yxy	52.6074, 0.2791, 0.2812
Android (android.graphics.Color)	4290232038 (0xFFB7BEE6)
YUV	192.4670, 18.5038, -8.3026
Hunter-Lab	72.5310, 1.5970, -16.4750

Details

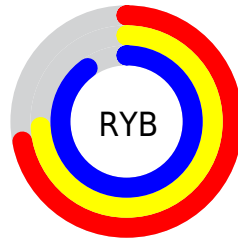
The XYZ color **52.2248, 52.6074, 82.2646** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.5684, 73.0171, 55.3335**, and the grayscale version is **50.2795, 52.8979, 57.6059**.

A 20% lighter version of the original color is **86.6024, 91.4823, 107.7011**, and **25.6389, 25.6144, 43.6372** is the 20% darker color. If you saturate the color by 10%, you get **43.2363, 42.0982, 80.7107**, and if you desaturate by 10%, it is **62.6798, 64.7204, 84.0525**.

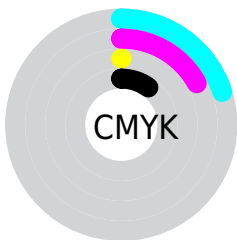
Distribution



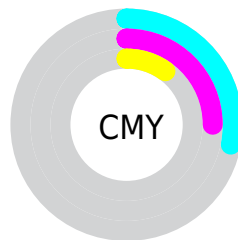
- Red (72%)
- Green (75%)
- Blue (90%)



- Red (72%)
- Yellow (74%)
- Blue (90%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2248, 52.6074, 82.2646 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 52.2248, 52.6074, 82.2646 by changing the saturation by 10% instead.

■ 52.2248, 52.6074,
82.2646

■ 52.2248, 52.6074,
82.2646

385.6136,
396.7770, 522.4390

■ 37.4093, 37.4895,
61.0466

■ 92.6350, 94.0264,
138.3850

■ 25.6997, 25.5867,
43.8320

118.9603,
121.0963, 174.1245

■ 16.7306, 16.5147,
30.2022

149.8530,
152.9189, 215.5415

■ 10.1367, 9.8891,
19.7388

185.6783,
189.8786, 263.0546

■ 5.5527, 5.3255,
12.0231

226.8017,
232.3599, 317.0824

■ 2.6131, 2.4395,
6.6367

273.5885,

■ 0.9526, 0.8461,

280.7472, 378.0434

3.1610

326.4040,
335.4247, 446.3561

■ 0.0000, 0.0000,
1.1774

■ 0.0000, 0.0000,
0.0000

■ 52.2248, 52.6074,
82.2646

■ 52.2248, 52.6074,
82.2646

■ 43.2363, 42.0982,
80.7107

■ 62.6798, 64.7204,
84.0525

■ 35.6436, 33.1190,
79.3778

■ 74.6582, 78.4940,
86.0797

■ 29.3772, 25.5997,
78.2566

■ 88.2196, 93.9905,
88.3561

■ 24.3599, 19.4619,
77.3364

■ 91.2831, 98.4932,
89.0637

■ 20.5061, 14.6202,
76.6050

■ 17.7193, 10.9790,
76.0490

■ 15.8866, 8.4291,
75.6534

■ 14.8627, 6.8726,
75.4069

Harmonies

Analogous

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



48.0770, 52.6074, 82.5001



52.2248, 52.6074, 82.2646



55.9693, 52.6074, 74.7538

Triad

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



52.2248, 52.6074, 82.2646



55.7794, 52.6074, 42.3529



42.6369, 52.6074, 51.8754

Complementary

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



52.2248, 52.6074, 82.2646



67.5684, 73.0171, 55.3335

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.



44.4742, 52.6074, 42.7672



52.2248, 52.6074, 82.2646



51.9772, 52.6074, 37.8083

Square

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



52.2248, 52.6074, 82.2646



58.0980, 52.6074, 51.2323



47.8427, 52.6074, 37.9486



42.6950, 52.6074, 63.7870

Rectangle

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



52.2248, 52.6074, 82.2646



57.6659, 52.6074, 67.1581



47.8427, 52.6074, 37.9486



43.0487, 52.6074, 48.4223

Sweetspot

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



52.2264, 52.6095, 82.2658



85.6294, 89.1848, 107.3090



61.1388, 71.9869, 80.4501



18.1180, 18.8473, 22.9329



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.



52.2264, 52.6095, 82.2658



60.4266, 59.9845, 103.0011



54.8903, 51.7852, 81.9663



13.7553, 14.2319, 18.1664



8.4689, 3.9998, 42.7089



0.6800, 0.4040, 3.1741

Inverse Universe

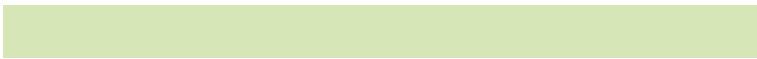
The Inverse Universe completely reimagines the original color for something new.



58.8622, 54.4090, 56.1172



70.4383, 62.8359, 63.5188



64.4455, 74.2420, 55.7345



14.4641, 14.4028, 15.3781



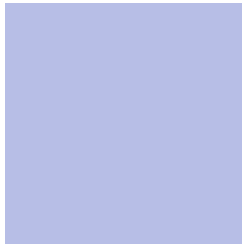
18.6682, 9.6015, 1.8818



1.4069, 0.7205, 0.2831

Previews

White Background



This preview shows how the XYZ color 52.2248, 52.6074, 82.2646 looks on a white background.

Color Contrast Check

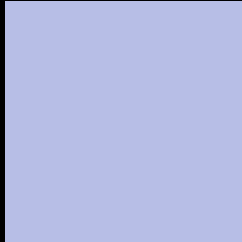
Large Text (above 18pt) WCAG AA × Fail

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 52.2248, 52.6074, 82.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

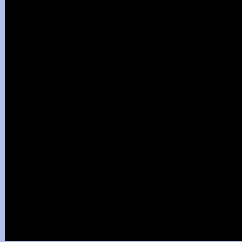
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2248, 52.6074, 82.2646

Background



This preview shows how black text looks on a background with the XYZ color 52.2248, 52.6074, 82.2646.



This preview shows how white text looks on a background with the XYZ color 52.2248, 52.6074,

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

52.2248, 52.6074, 82.2646

Protanopia

52.2248, 52.6074, 82.2646

Deuteranopia

53.6800, 52.3865, 82.8837



Tritanopia

49.3908, 52.7707, 67.9042

Trichromacy



Original Color

52.2248, 52.6074, 82.2646

Protanomaly

52.2248, 52.6074, 82.2646

Deuteranomaly

53.1461, 52.4273, 82.9197

Tritanomaly

50.4167, 52.8530, 73.1900

Monochromacy



Original Color

52.2248, 52.6074, 82.2646

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7576, 52.5367, 65.8579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2248, 52.6074, 82.2646 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, 190, 230)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 230)  
}
```

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, 190, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 230) }
```

Border

The CSS property to change the border of an element to XYZ 52.2248, 52.6074, 82.2646 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, 190, 230) }
```


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

```
.border{ border-color:rgb(183, 190, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 190, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 190, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 190, 230); box-shadow:4px 4px 4px 4px rgb(183, 190, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2248, 52.6074, 82.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 230) }
```

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

```
.background{ background-color: rgb(183,  
190, 230) }
```

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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