

Converting Colors

XYZ(50.5879, 54.3379, 82.8865)

Have a look what the booklet for
XYZ(50.5879, 54.3379, 82.8865)
contains.

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Color

**XYZ(50.6255, 54.4262,
82.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C6E6
RGB	168, 198, 230
RGB Percent	66%, 78%, 90%
CMY	0.3412, 0.2235, 0.0980
CMYK	0.27, 0.14, 0.00, 0.10
HSL	211°, 55%, 78%
HSV	211°, 27%, 90%
XYZ	50.6255, 54.4262, 82.7000
YIQ	192.6780, -28.1520, 3.5920

Conversions

Conversions Part 2

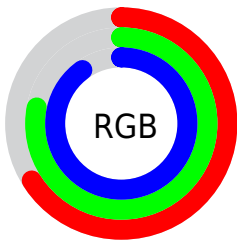
Format	Color
R_{YB}	168, 188, 230
Decimal	11060966
CIE _{Lab}	78.71, -2.93, -19.19
CIE _{LCh}	79, 19.408, 261.324
Yxy	54.4262, 0.2696, 0.2899
Android (android.graphics.Color)	4289251046 (0xFFA8C6E6)
YUV	192.6780, 18.3997, -21.6426
Hunter-Lab	73.7741, -6.6139, -14.8216

Details

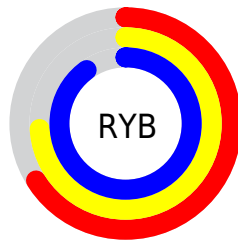
The XYZ color **50.6255, 54.4262, 82.7000** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.3561, 60.9592, 45.6325**, and the grayscale version is **50.4083, 53.0335, 57.7534**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **24.6835, 26.6473, 43.8869** is the 20% darker color. If you saturate the color by 10%, you get **43.5477, 46.9074, 81.6227**, and if you desaturate by 10%, it is **58.7853, 62.8212, 83.8912**.

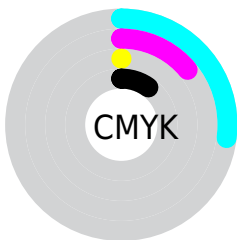
Distribution



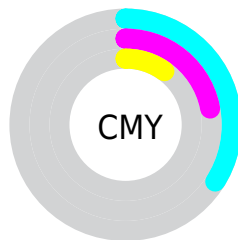
- Red (66%)
- Green (78%)
- Blue (90%)



- Red (66%)
- Yellow (74%)
- Blue (90%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6255, 54.4262, 82.7000 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 50.6255, 54.4262, 82.7000 by changing the saturation by 10% instead.

■ 50.6255, 54.4262,
82.7000

■ 50.6255, 54.4262,
82.7000

379.5187,
403.7332, 523.9309

■ 36.1305, 38.9425,
61.4035

■ 90.2872, 96.6997,
139.0007

■ 24.7056, 26.7150,
44.1182

■ 116.1847,
124.2584, 174.8420

■ 15.9854, 17.3593,
30.4256

146.6137,
156.6108, 216.3686

■ 9.6046, 10.4910,
19.9071

181.9395,
194.1413, 263.9991

■ 5.1978, 5.7257,
12.1441

222.5276,
237.2345, 318.1521

■ 2.3997, 2.6790,
6.7182

268.7432,

■ 0.8450, 0.9665,

286.2746, 379.2460

3.2107

320.9518,
341.6460, 447.6995

■ 0.0000, 0.0000,
1.2032

■ 0.0000, 0.0000,
0.0000

■ 50.6255, 54.4262,
82.7000

■ 50.6255, 54.4262,
82.7000

■ 43.5477, 46.9074,
81.6227

■ 58.7853, 62.8212,
83.8912

■ 37.4965, 40.2249,
80.6518

■ 68.0691, 72.1169,
85.1962

■ 32.4186, 34.3453,
79.7845

■ 78.5227, 82.3451,
86.6195

■ 28.2537, 29.2296,
79.0166

■ 88.3226, 92.5722,
88.0770

■ 24.9337, 24.8348,
78.3433

■ 91.2831, 98.4932,
89.0638

■ 22.3798, 21.1117,
77.7593

■ 20.4914, 17.9997,
77.2581

■ 20.0001, 17.1471,
77.1195

Harmonies

Analogous

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



47.2554, 54.4262, 77.3354



50.6255, 54.4262, 82.7000



54.4602, 54.4262, 81.2045

Triad

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



50.6255, 54.4262, 82.7000



58.9124, 54.4262, 51.9042



46.1815, 54.4262, 47.0127

Complementary

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



50.6255, 54.4262, 82.7000



60.3561, 60.9592, 45.6325

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.



49.0936, 54.4262, 41.6760



50.6255, 54.4262, 82.7000



56.4795, 54.4262, 44.2478

Square

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



50.6255, 54.4262, 82.7000



59.3724, 54.4262, 62.5057



52.8514, 54.4262, 40.7304



44.7742, 54.4262, 56.1303

Rectangle

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



50.6255, 54.4262, 82.7000



56.7570, 54.4262, 76.5881



52.8514, 54.4262, 40.7304



47.0099, 54.4262, 44.7665

Sweetspot

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



50.6272, 54.4284, 82.7012



84.6718, 89.7997, 107.4781



54.7553, 69.0431, 64.4749



17.7285, 18.8285, 22.9498



0.0000, 0.0000, 0.0000



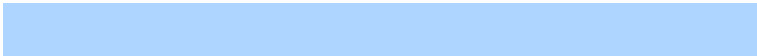
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6272, 54.4284, 82.7012



59.1378, 63.6812, 103.7825



44.4354, 42.0448, 80.6373



14.1555, 15.0325, 18.2998



11.4441, 9.9503, 43.7006



0.9383, 0.9206, 3.2602

Inverse Universe

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



56.8302, 48.9070, 59.8732



68.2562, 56.0991, 70.1058



67.9989, 76.2448, 48.1801



14.6661, 14.4836, 16.4421



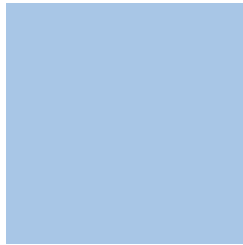
20.1699, 10.2022, 9.7899



1.5373, 0.7726, 0.9697

Previews

White Background



This preview shows how the XYZ color 50.6255, 54.4262, 82.7000 looks on a white background.

Color Contrast Check

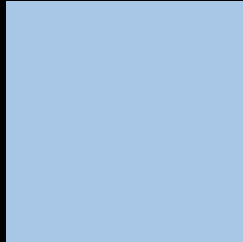
Large Text (above 18pt) WCAG AA × Fail

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 50.6255, 54.4262, 82.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

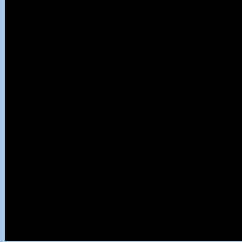
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

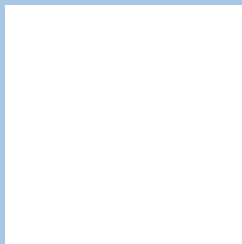
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6255, 54.4262, 82.7000

Background



This preview shows how black text looks on a background with the XYZ color 50.6255, 54.4262, 82.7000.



This preview shows how white text looks on a background with the XYZ color 50.6255, 54.4262,

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

50.6255, 54.4262, 82.7000

Protanopia

53.6741, 54.3773, 80.3400

Deuteranopia

55.4846, 54.2552, 83.8919



Tritanopia

48.5660, 54.2658, 72.8804

Trichromacy



Original Color

50.6255, 54.4262, 82.7000

Protanomaly

52.5748, 54.4554, 81.1387

Deuteranomaly

53.5014, 54.2237, 83.2477

Tritanomaly

49.2005, 54.1743, 76.2702

Monochromacy



Original Color

50.6255, 54.4262, 82.7000

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4228, 53.6768, 66.0956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6255, 54.4262, 82.7000 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(168, 198, 230)` looks like.

```
.text, #text, p{  
    color:rgb(168, 198, 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(168, 198, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 198, 230) }
```

Border

The CSS property to change the border of an element to XYZ 50.6255, 54.4262, 82.7000 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(168, 198, 230) }
```


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

```
.border{ border-color:rgb(168, 198, 230) }
```

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

Here you see how a box with a 4 pixel rgb(168, 198, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 198, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 198, 230);  
box-shadow:4px 4px 4px 4px rgb(168, 198,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6255, 54.4262, 82.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 198, 230) }
```

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

```
.background{ background-color: rgb(168,  
198, 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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