

Converting Colors

XYZ(50.1652, 57.5894, 82.3850)

Have a look what the booklet for
XYZ(50.1652, 57.5894, 82.3850)
contains.

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Color

**XYZ(50.2163, 57.7375,
82.6265)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD0E5
RGB	155, 208, 229
RGB Percent	61%, 82%, 90%
CMY	0.3921, 0.1843, 0.1020
CMYK	0.32, 0.09, 0.00, 0.10
HSL	197°, 59%, 75%
HSV	197°, 32%, 90%
XYZ	50.2163, 57.7375, 82.6265
YIQ	194.5470, -38.3290, -4.7050

Conversions

Conversions Part 2

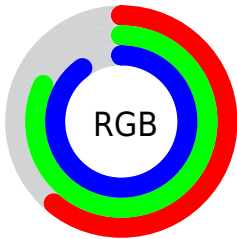
Format	Color
R _{YB}	155, 186, 229
Decimal	10211557
CIE Lab	80.59, -12.14, -15.89
CIE LCh	81, 19.993, 232.614
Yxy	57.7375, 0.2635, 0.3030
Android (android.graphics.Color)	4288401637 (0xFF9BD0E5)
YUV	194.5470, 16.9853, -34.6827
Hunter-Lab	75.9852, -15.0089, -11.2825

Details

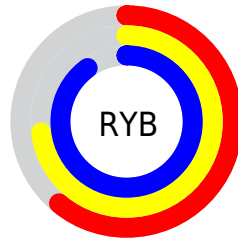
The XYZ color **50.2163, 57.7375, 82.6265** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7556, 50.0758, 37.8441**, and the grayscale version is **51.5225, 54.2056, 59.0299**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **24.5624, 28.9339, 44.3346** is the 20% darker color. If you saturate the color by 10%, you get **44.6797, 52.5806, 81.9239**, and if you desaturate by 10%, it is **56.6548, 63.4584, 83.3924**.

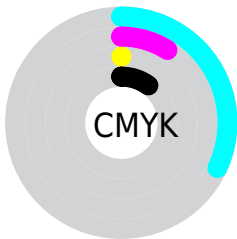
Distribution



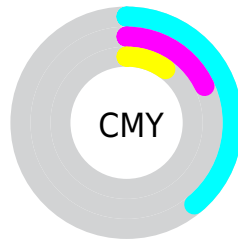
- Red (61%)
- Green (82%)
- Blue (90%)



- Red (61%)
- Yellow (73%)
- Blue (90%)



- Cyan (32%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (39%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2163, 57.7375, 82.6265 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 50.2163, 57.7375, 82.6265 by changing the saturation by 10% instead.

■ 50.2163, 57.7375,
82.6265

■ 50.2163, 57.7375,
82.6265

377.9492,
416.2071, 523.6793

■ 35.8038, 41.5976,
61.3433

■ 89.6852, 101.5405,
138.8968

■ 24.4521, 28.7864,
44.0699

■ 115.4723,
129.9724, 174.7209

■ 15.7959, 18.9193,
30.3879

145.7816,
163.2705, 216.2290

■ 9.4698, 11.6120,
19.8786

180.9785,
201.8192, 263.8398

■ 5.1084, 6.4800,
12.1236

221.4284,
246.0028, 317.9716

■ 2.3464, 3.1391,
6.7044

267.4965,

■ 0.8183, 1.2048,

296.2057, 379.0431

3.2023

319.5484,
352.8123, 447.4728

■ 0.0000, 0.0656,
1.1988

■ 0.0000, 0.0000,
0.0000

■ 50.2163, 57.7375,
82.6265

■ 50.2163, 57.7375,
82.6265

■ 44.6797, 52.5806,
81.9239

■ 56.6548, 63.4584,
83.3924

■ 39.9916, 47.9551,
81.2782

■ 64.0341, 69.7604,
84.2199

■ 36.1011, 43.8347,
80.6879

■ 72.3972, 76.6682,
85.1124

■ 32.9491, 40.1880,
80.1502

■ 81.7829, 84.2028,
86.0721

■ 30.4680, 36.9788,
79.6615

■ 86.6888, 89.5287,
86.8415

■ 28.5760, 34.1638,
79.2179

■ 88.6414, 93.4339,
87.4924

■ 27.4223, 32.2157,
78.9027

■ 90.6633, 97.4777,
88.1663

■ 91.1430, 98.4372,
88.3262

Harmonies

Analogous

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



47.8988, 57.7375, 71.9804



50.2163, 57.7375, 82.6265



53.8678, 57.7375, 88.0985

Triad

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



50.2163, 57.7375, 82.6265



63.0970, 57.7375, 65.8219



51.8937, 57.7375, 44.1968

Complementary

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



50.2163, 57.7375, 82.6265



53.7556, 50.0758, 37.8441

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.



55.9003, 57.7375, 42.9803



50.2163, 57.7375, 82.6265



62.5037, 57.7375, 54.5560

Square

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



50.2163, 57.7375, 82.6265



61.4019, 57.7375, 77.6397



59.8191, 57.7375, 46.5381



48.8329, 57.7375, 50.0970

Rectangle

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



50.2163, 57.7375, 82.6265



56.6224, 57.7375, 87.6501



59.8191, 57.7375, 46.5381



53.1693, 57.7375, 43.2593

Sweetspot

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



50.2181, 57.7398, 82.6278



84.0178, 90.9503, 107.7347



49.3713, 66.1416, 51.2228



17.6737, 19.2085, 23.0261



0.0000, 0.0000, 0.0000



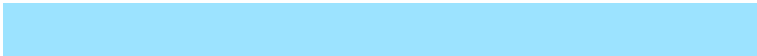
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2181, 57.7398, 82.6278



59.0825, 69.0613, 104.8239



42.2310, 41.7656, 79.9655



14.4437, 15.6089, 18.3959



15.7858, 18.6336, 45.1478



1.2445, 1.5330, 3.3623

Inverse Universe

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



55.4211, 44.6562, 65.3756



66.8879, 50.4201, 78.7210



62.0165, 66.5975, 40.5977



14.8116, 14.5418, 17.2081



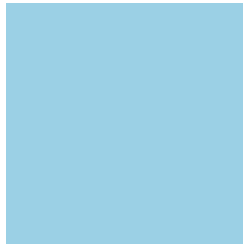
22.3614, 11.0788, 21.3301



1.6918, 0.8344, 1.7836

Previews

White Background



This preview shows how the XYZ color 50.2163, 57.7375, 82.6265 looks on a white background.

Color Contrast Check

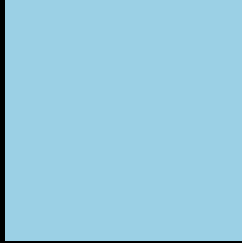
Large Text (above 18pt) WCAG AA × Fail

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 50.2163, 57.7375, 82.6265 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 50.2163, 57.7375, 82.6265

Background



This preview shows how black text looks on a background with the XYZ color 50.2163, 57.7375, 82.6265.



This preview shows how white text looks on a background with the XYZ color 50.2163, 57.7375,

82.6265.

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

50.2163, 57.7375, 82.6265

Protanopia

56.2783, 57.4516, 77.9351

Deuteranopia

58.7092, 57.5529, 84.3584



Tritanopia

49.7175, 57.9072, 79.7910

Trichromacy



Original Color

50.2163, 57.7375, 82.6265

Protanomaly

53.7672, 57.5011, 79.4991

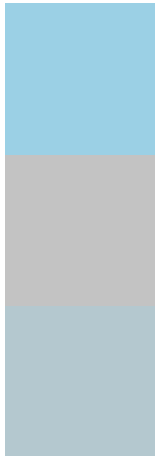
Deuteranomaly

55.3278, 57.5172, 83.7871

Tritanomaly

49.8544, 57.9619, 80.5117

Monochromacy



Original Color

50.2163, 57.7375, 82.6265

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.7392, 55.5168, 67.0731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2163, 57.7375, 82.6265 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(155, 208, 229)` looks like.

```
.text, #text, p{  
    color:rgb(155, 208, 229)  
}
```

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(155, 208, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 208, 229) }
```

Border

The CSS property to change the border of an element to XYZ 50.2163, 57.7375, 82.6265 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(155, 208, 229) }
```


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

```
.border{ border-color:rgb(155, 208, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 208, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 208, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 208, 229); box-shadow:4px 4px 4px 4px rgb(155, 208, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2163, 57.7375, 82.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 208, 229) }
```

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

```
.background{ background-color: rgb(155,  
208, 229) }
```

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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