

Converting Colors

XYZ(58.6163, 64.6298, 82.7411)

Have a look what the booklet for
XYZ(58.6163, 64.6298, 82.7411)
contains.

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Color

**XYZ(58.5537, 64.6414,
82.7897)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------------|
| Hex | BAD7E4 |
| RGB | 186, 215, 228 |
| RGB Percent | 73%, 84%, 89% |
| CMY | 0.2706, 0.1568, 0.1059 |
| CMYK | 0.18, 0.06, 0.00, 0.11 |
| HSL | 199°, 44%, 81% |
| HSV | 199°, 18%, 89% |
| XYZ | 58.5537, 64.6414, 82.7897 |
| YIQ | 207.8110, -21.4570, -2.1050 |

Conversions

Conversions Part 2

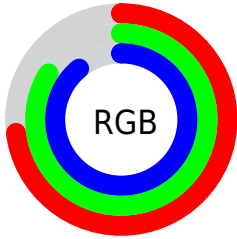
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 186, 203, 228 |
| Decimal | 12244964 |
| CIELab | 84.30, -6.88, -9.62 |
| CIELCh | 84, 11.823, 234.425 |
| Yxy | 64.6414, 0.2843, 0.3138 |
| Android (android.graphics.Color) | 4290435044 (0xFFBAD7E4) |
| YUV | 207.8110, 9.9532, -19.1282 |
| Hunter-Lab | 80.3999, -10.7016, -4.7724 |

Details

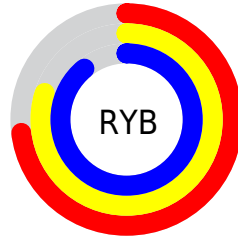
The XYZ color **58.5537, 64.6414, 82.7897** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.2818, 60.8860, 54.9779**, and the grayscale version is **59.7809, 62.8941, 68.4917**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.6294, 33.0643, 44.3556** is the 20% darker color. If you saturate the color by 10%, you get **51.6929, 58.4962, 81.9662**, and if you desaturate by 10%, it is **66.3797, 71.4025, 83.6833**.

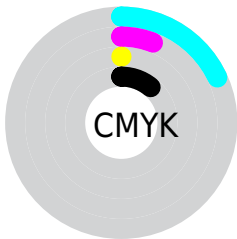
Distribution



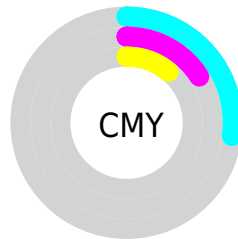
- Red (73%)
- Green (84%)
- Blue (89%)



- Red (73%)
- Yellow (80%)
- Blue (89%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5537, 64.6414, 82.7897 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 58.5537, 64.6414, 82.7897 by changing the saturation by 10% instead.

■ 58.5537, 64.6414,
82.7897

■ 58.5537, 64.6414,
82.7897

409.1667,
441.5022, 524.2380

■ 42.4989, 47.1704,
61.4771

■ 101.8471,
111.5341, 139.1275

■ 29.6850, 33.1704,
44.1772

129.8164,
141.7246, 174.9897

■ 19.7465, 22.2570,
30.4717

162.4880,
176.9237, 216.5389

■ 12.3181, 14.0458,
19.9418

200.2271,
217.5159, 264.1936

■ 7.0344, 8.1526,
12.1691

243.3992,
263.8854, 318.3723

■ 3.5302, 4.1927,
6.7350

292.3696,

■ 1.4399, 1.7819,

316.4167, 379.4936

3.2210

347.5036,
375.4941, 447.9760

■ 0.2844, 0.4759,
1.2086

■ 0.0000, 0.0000,
0.0000

■ 58.5537, 64.6414,
82.7897

■ 58.5537, 64.6414,
82.7897

■ 51.6929, 58.4962,
81.9662

■ 66.3797, 71.4025,
83.6833

■ 45.7486, 52.9354,
81.2062

■ 75.2050, 78.7936,
84.6448

■ 40.6767, 47.9365,
80.5086

■ 85.0692, 86.8381,
85.6776

■ 36.4266, 43.4719,
79.8709

■ 87.3624, 91.0987,
86.3791

■ 32.9424, 39.5113,
79.2900

■ 89.5173, 95.4086,
87.0975

■ 30.1606, 36.0204,
78.7628

■ 91.0038, 98.3815,
87.5929

■ 28.0064, 32.9590,
78.2855

■ 26.3713, 30.2697,
77.8525

■ 26.1361, 29.8662,
77.7871

Harmonies

Analogous

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



56.9636, 64.6414, 76.5229



58.5537, 64.6414, 82.7897



60.9513, 64.6414, 85.7506

Triad

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



58.5537, 64.6414, 82.7897



66.5941, 64.6414, 71.7953



59.3790, 64.6414, 58.0410

Complementary

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



58.5537, 64.6414, 82.7897



61.2818, 60.8860, 54.9779

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.



61.9307, 64.6414, 56.9716



58.5537, 64.6414, 82.7897



66.1443, 64.6414, 64.5816

Square

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



58.5537, 64.6414, 82.7897



65.6313, 64.6414, 79.1202



64.4190, 64.6414, 59.2831



57.4305, 64.6414, 62.3149

Rectangle

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



58.5537, 64.6414, 82.7897



62.7039, 64.6414, 85.3101



64.4190, 64.6414, 59.2831



60.1926, 64.6414, 57.3082

Sweetspot

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



58.5556, 64.6441, 82.7912



88.1515, 94.2290, 108.1497



58.2567, 70.0320, 64.2379



18.7135, 20.0383, 23.1314



0.0000, 0.0000, 0.0000



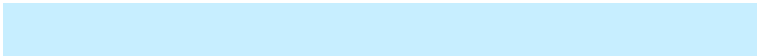
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5556, 64.6441, 82.7912



72.0463, 80.2878, 106.3076



53.6354, 54.8037, 81.1511



14.4114, 15.5443, 18.3851



15.2017, 17.4655, 44.9531



1.2050, 1.4539, 3.3491

Inverse Universe

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



61.8211, 56.5195, 71.9440



77.0201, 68.2127, 89.7184



66.3473, 71.0170, 56.6664



14.7953, 14.5353, 17.1222



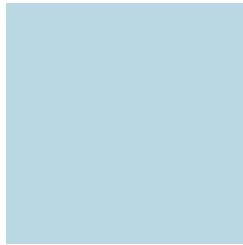
22.0666, 10.9609, 19.7776



1.6719, 0.8265, 1.6785

Previews

White Background



This preview shows how the XYZ color 58.5537, 64.6414, 82.7897 looks on a white background.

Color Contrast Check

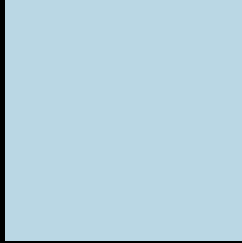
Large Text (above 18pt) WCAG AA × Fail

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 58.5537, 64.6414, 82.7897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

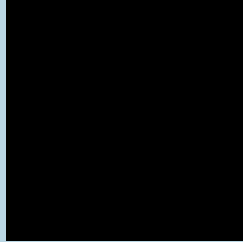
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5537, 64.6414, 82.7897

Background



This preview shows how black text looks on a background with the XYZ color 58.5537, 64.6414, 82.7897.

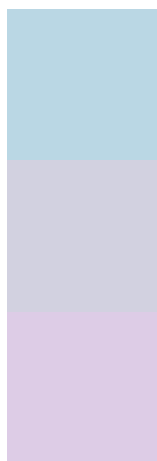


This preview shows how white text looks on a background with the XYZ color 58.5537, 64.6414,

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

58.5537, 64.6414, 82.7897

Protanopia

62.8334, 64.6844, 79.6947

Deuteranopia

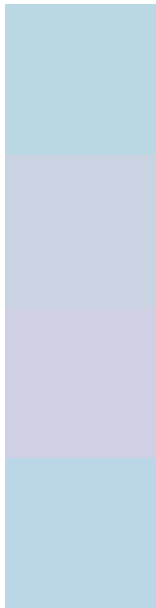
65.6946, 64.2711, 83.8060



Tritanopia

59.1056, 64.4841, 85.6754

Trichromacy



Original Color

58.5537, 64.6414, 82.7897

Protanomaly

60.9723, 64.4423, 80.4592

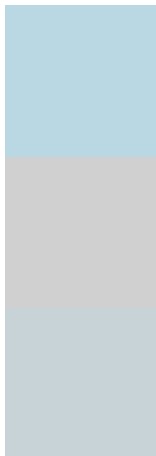
Deuteranomaly

62.7112, 64.1788, 83.2113

Tritanomaly

58.9639, 64.4275, 84.9293

Monochromacy



Original Color

58.5537, 64.6414, 82.7897

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3794, 63.7742, 73.4700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5537, 64.6414, 82.7897 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(186, 215, 228)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 228)  
}
```

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(186, 215, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 228) }
```

Border

The CSS property to change the border of an element to XYZ 58.5537, 64.6414, 82.7897 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(186, 215, 228) }
```


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

```
.border{ border-color:rgb(186, 215, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 215, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 228);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5537, 64.6414, 82.7897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 228) }
```

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

```
.background{ background-color: rgb(186,  
215, 228) }
```

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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