

Converting Colors

XYZ(57.3565, 61.5524, 82.0092)

Have a look what the booklet for
XYZ(57.3565, 61.5524, 82.0092)
contains.

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Color

**XYZ(57.2985, 61.4046,
82.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD0E4
RGB	188, 208, 228
RGB Percent	74%, 82%, 89%
CMY	0.2627, 0.1843, 0.1059
CMYK	0.18, 0.09, 0.00, 0.11
HSL	210°, 43%, 82%
HSV	210°, 18%, 89%
XYZ	57.2985, 61.4046, 82.2311
YIQ	204.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

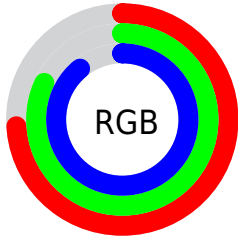
Format	Color
R_{YB}	188, 201, 228
Decimal	12374244
CIE _{Lab}	82.60, -2.60, -12.14
CIE _{LCh}	83, 12.416, 257.911
Yxy	61.4046, 0.2852, 0.3056
Android (android.graphics.Color)	4290564324 (0xFFBCD0E4)
YUV	204.3000, 11.6841, -14.2951
Hunter-Lab	78.3611, -6.6107, -7.3654

Details

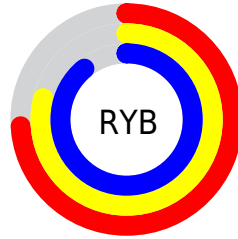
The XYZ color **57.2985, 61.4046, 82.2311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6283, 65.2364, 56.8165**, and the grayscale version is **57.5224, 60.5181, 65.9042**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.9299, 31.1967, 44.0320** is the 20% darker color. If you saturate the color by 10%, you get **49.4398, 53.3764, 81.0967**, and if you desaturate by 10%, it is **66.2479, 70.2948, 83.4764**.

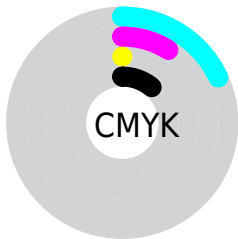
Distribution



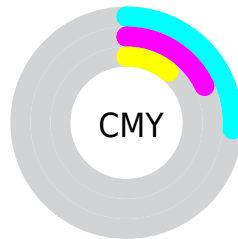
- Red (74%)
- Green (82%)
- Blue (89%)



- Red (74%)
- Yellow (79%)
- Blue (89%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2985, 61.4046, 82.2311 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 57.2985, 61.4046, 82.2311 by changing the saturation by 10% instead.

■ 57.2985, 61.4046,
82.2311

■ 57.2985, 61.4046,
82.2311

404.5630,
429.7559, 522.3241

■ 41.4860, 44.5518,
61.0191

■ 100.0295,
106.8645, 138.3376

■ 28.8884, 31.1045,
43.8099

127.6786,
136.2405, 174.0692

■ 19.1403, 20.6785,
30.1850

160.0041,
170.5595, 215.4778

■ 11.8763, 12.8892,
19.7258

197.3712,
210.2061, 262.9819

■ 6.7311, 7.3523,
12.0138

240.1453,
255.5647, 317.0001

■ 3.3393, 3.6834,
6.6304

288.6917,

■ 1.3356, 1.4981,

307.0196, 377.9508

3.1571

343.3758,
364.9552, 446.2526

■ 0.2097, 0.2874,
1.1754

■ 0.0000, 0.0000,
0.0000

■ 57.2985, 61.4046,
82.2311

■ 57.2985, 61.4046,
82.2311

■ 49.4398, 53.3764,
81.0967

■ 66.2479, 70.2948,
83.4764

■ 42.6206, 46.1728,
80.0657

■ 76.3255, 80.0675,
84.8316

■ 36.7936, 39.7646,
79.1359

■ 87.0555, 90.4849,
86.2768

■ 31.9052, 34.1176,
78.3035

■ 90.5583, 97.4905,
87.4444

■ 27.8965, 29.1946,
77.5646

■ 91.0038, 98.3815,
87.5929

■ 24.7009, 24.9540,
76.9145

■ 22.2410, 21.3486,
76.3482

■ 20.4139, 18.3176,
75.8595

■ 20.0230, 17.6399,
75.7493

Harmonies

Analogous

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



55.0013, 61.4046, 78.3305



57.2985, 61.4046, 82.2311



59.9505, 61.4046, 81.7898

Triad

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



57.2985, 61.4046, 82.2311



63.3670, 61.4046, 62.4543



54.6489, 61.4046, 57.5127

Complementary

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



57.2985, 61.4046, 82.2311



63.6283, 65.2364, 56.8165

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.



56.8042, 61.4046, 53.8660



57.2985, 61.4046, 82.2311



61.8594, 61.4046, 56.5663

Square

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



57.2985, 61.4046, 82.2311



63.5092, 61.4046, 69.9744



59.4411, 61.4046, 53.5333



53.5030, 61.4046, 63.8378

Rectangle

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



57.2985, 61.4046, 82.2311



61.5629, 61.4046, 79.0959



59.4411, 61.4046, 53.5333



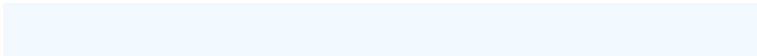
55.2764, 61.4046, 55.9545

Sweetspot

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



57.3003, 61.4071, 82.2325



88.5140, 93.6618, 108.0211



59.7869, 70.7006, 69.7420



18.7554, 19.8618, 23.0951



0.0000, 0.0000, 0.0000



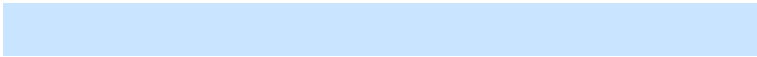
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3003, 61.4071, 82.2325



70.0649, 75.3127, 105.4517



52.8698, 52.5460, 80.7556



14.1753, 15.0720, 18.3064



11.6805, 10.4230, 43.7794



0.9560, 0.9560, 3.2661

Inverse Universe

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



61.3647, 57.0159, 67.4483



76.2671, 68.8576, 82.8365



68.6334, 75.2466, 58.4849



14.6761, 14.4876, 16.4946



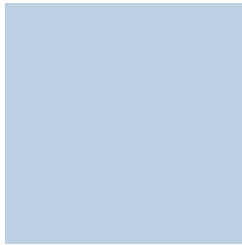
20.2893, 10.2499, 10.4182



1.5462, 0.7762, 1.0168

Previews

White Background



This preview shows how the XYZ color 57.2985, 61.4046, 82.2311 looks on a white background.

Color Contrast Check

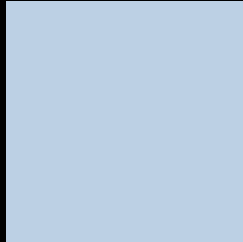
Large Text (above 18pt) WCAG AA × Fail

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 57.2985, 61.4046, 82.2311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

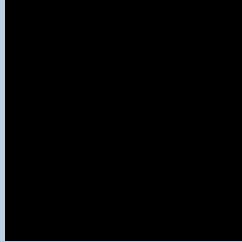
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

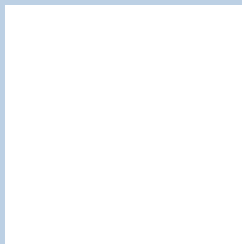
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2985, 61.4046, 82.2311

Background



This preview shows how black text looks on a background with the XYZ color 57.2985, 61.4046, 82.2311.



This preview shows how white text looks on a background with the XYZ color 57.2985, 61.4046,

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

57.2985, 61.4046, 82.2311

Protanopia

59.8121, 61.3185, 79.9174

Deuteranopia

62.6688, 61.3179, 83.3954



Tritanopia

56.6400, 61.1128, 80.0449

Trichromacy



Original Color

57.2985, 61.4046, 82.2311

Protanomaly

58.8475, 61.1594, 80.6549

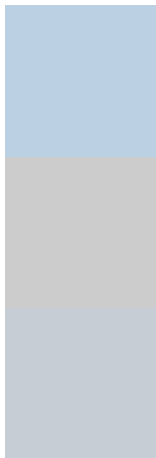
Deuteranomaly

60.6756, 61.3482, 82.7722

Tritanomaly

56.7769, 61.1675, 80.7656

Monochromacy



Original Color

57.2985, 61.4046, 82.2311

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1303, 60.4725, 71.6121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2985, 61.4046, 82.2311 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(188, 208, 228)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 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(188, 208, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 228) }
```

Border

The CSS property to change the border of an element to XYZ 57.2985, 61.4046, 82.2311 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(188, 208, 228) }
```


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

```
.border{ border-color:rgb(188, 208, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 208, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 228);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2985, 61.4046, 82.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 228) }
```

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

```
.background{ background-color: rgb(188,  
208, 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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