

Converting Colors

XYZ(56.3725, 61.4364, 82.9565)

Have a look what the booklet for
XYZ(56.3725, 61.4364, 82.9565)
contains.

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Color

**XYZ(56.2347, 61.2032,
82.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D1E5
RGB	182, 209, 229
RGB Percent	71%, 82%, 90%
CMY	0.2863, 0.1804, 0.1020
CMYK	0.21, 0.09, 0.00, 0.10
HSL	206°, 47%, 81%
HSV	206°, 21%, 90%
XYZ	56.2347, 61.2032, 82.9782
YIQ	203.2070, -22.5120, 0.4960

Conversions

Conversions Part 2

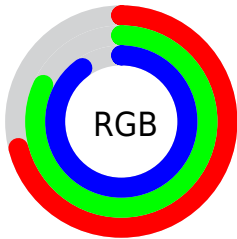
Format	Color
R_{YB}	182, 199, 229
Decimal	11981285
CIE _{Lab}	82.49, -4.77, -12.88
CIE _{LCh}	82, 13.730, 249.691
Yxy	61.2032, 0.2806, 0.3054
Android (android.graphics.Color)	4290171365 (0xFFB6D1E5)
YUV	203.2070, 12.7159, -18.5985
Hunter-Lab	78.2325, -8.5983, -8.1239

Details

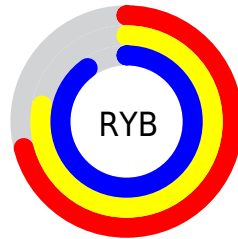
The XYZ color **56.2347, 61.2032, 82.9782** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8776, 62.2763, 53.0164**, and the grayscale version is **56.8290, 59.7885, 65.1097**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.2634, 31.0879, 44.5553** is the 20% darker color. If you saturate the color by 10%, you get **48.9449, 54.0057, 81.9742**, and if you desaturate by 10%, it is **64.5587, 69.1540, 84.0751**.

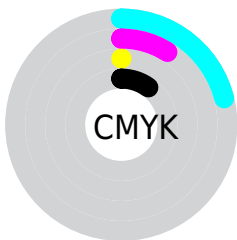
Distribution



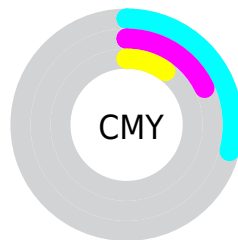
- Red (71%)
- Green (82%)
- Blue (90%)



- Red (71%)
- Yellow (78%)
- Blue (90%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2347, 61.2032, 82.9782 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 56.2347, 61.2032, 82.9782 by changing the saturation by 10% instead.

■ 56.2347, 61.2032,
82.9782

■ 56.2347, 61.2032,
82.9782

400.6361,
429.0187, 524.8830

■ 40.6289, 44.3892,
61.6317

■ 98.4855, 106.5731,
139.3939

■ 28.2156, 30.9766,
44.3013

125.8611,
135.8978, 175.3001

■ 18.6295, 20.5810,
30.5685

157.8908,
170.1614, 216.8967

■ 11.5053, 12.8181,
20.0148

194.9397,
209.7485, 264.6021

■ 6.4776, 7.3034,
12.2216

237.3734,
255.0434, 318.8348

■ 3.1810, 3.6526,
6.7704

285.5571,

■ 1.2502, 1.4812,

306.4304, 380.0136

3.2427

339.8562,
364.2940, 448.5568

■ 0.1454, 0.2754,
1.2198

■ 0.0000, 0.0000,
0.0000

■ 56.2347, 61.2032,
82.9782

■ 56.2347, 61.2032,
82.9782

■ 48.9449, 54.0057,
81.9742

■ 64.5587, 69.1540,
84.0751

■ 42.6384, 47.5267,
81.0560

■ 73.9541, 77.8764,
85.2635

■ 37.2677, 41.7394,
80.2220

■ 84.4626, 87.3971,
86.5473

■ 32.7792, 36.6121,
79.4689

■ 88.9437, 94.0385,
87.5931

■ 29.1130, 32.1097,
78.7931

■ 91.1430, 98.4372,
88.3262

■ 26.2012, 28.1929,
78.1905

■ 23.9629, 24.8155,
77.6566

■ 22.3358, 22.0427,
77.2071

Harmonies

Analogous

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



53.9358, 61.2032, 77.5056



56.2347, 61.2032, 82.9782



59.1271, 61.2032, 83.8775

Triad

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



56.2347, 61.2032, 82.9782



63.9147, 61.2032, 63.9557



54.6411, 61.2032, 54.9591

Complementary

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



56.2347, 61.2032, 82.9782



61.8776, 62.2763, 53.0164

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.



57.2269, 61.2032, 51.9422



56.2347, 61.2032, 82.9782



62.6240, 61.2032, 56.8403

Square

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



56.2347, 61.2032, 82.9782



63.6273, 61.2032, 72.4093



60.1529, 61.2032, 52.6007



53.0374, 61.2032, 61.1854

Rectangle

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



56.2347, 61.2032, 82.9782



61.0125, 61.2032, 81.6917



60.1529, 61.2032, 52.6007



55.4207, 61.2032, 53.5608

Sweetspot

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



56.2365, 61.2057, 82.9796



87.6017, 93.1295, 107.9664



57.9232, 70.2293, 66.1227



18.5834, 19.7782, 23.0881



0.0000, 0.0000, 0.0000



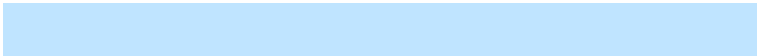
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2365, 61.2057, 82.9796



67.3081, 73.7475, 105.2949



50.9768, 50.6862, 81.2263



14.2669, 15.2552, 18.3369



12.8921, 12.8463, 44.1833



1.0443, 1.1326, 3.2955

Inverse Universe

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



60.5511, 54.7187, 67.6949



73.9118, 64.2253, 81.8098



67.7054, 73.9320, 54.9590



14.7223, 14.5061, 16.7381



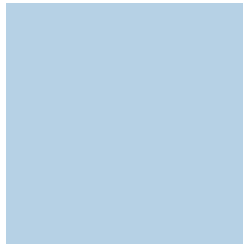
20.9008, 10.4946, 13.6387



1.5908, 0.7940, 1.2514

Previews

White Background



This preview shows how the XYZ color 56.2347, 61.2032, 82.9782 looks on a white background.

Color Contrast Check

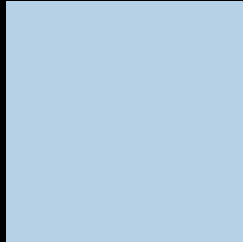
Large Text (above 18pt) WCAG AA × Fail

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 56.2347, 61.2032, 82.9782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

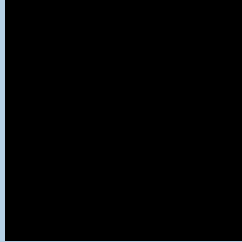
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

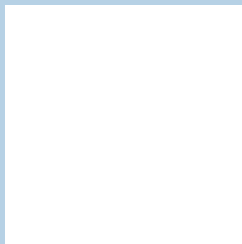
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2347, 61.2032, 82.9782

Background



This preview shows how black text looks on a background with the XYZ color 56.2347, 61.2032, 82.9782.



This preview shows how white text looks on a background with the XYZ color 56.2347, 61.2032,

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

56.2347, 61.2032, 82.9782

Protanopia

59.4405, 60.7594, 80.5464

Deuteranopia

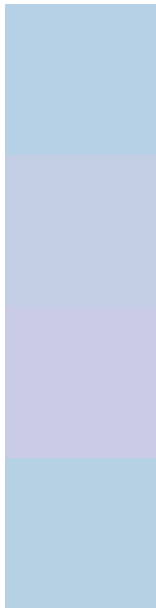
62.5187, 61.2242, 84.1237



Tritanopia

55.5840, 60.9157, 80.7798

Trichromacy



Original Color

56.2347, 61.2032, 82.9782

Protanomaly

58.2021, 60.8108, 81.3431

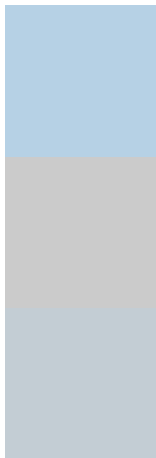
Deuteranomaly

59.9960, 60.9816, 83.4714

Tritanomaly

55.7216, 60.9707, 81.5047

Monochromacy



Original Color

56.2347, 61.2032, 82.9782

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2207, 60.0182, 70.9089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2347, 61.2032, 82.9782 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(182, 209, 229)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 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(182, 209, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 229) }
```

Border

The CSS property to change the border of an element to XYZ 56.2347, 61.2032, 82.9782 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(182, 209, 229) }
```


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

```
.border{ border-color:rgb(182, 209, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 209, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 229);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2347, 61.2032, 82.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 229) }
```

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

```
.background{ background-color: rgb(182,  
209, 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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