

Converting Colors

XYZ(56.2025, 61.5031, 85.2530)

Have a look what the booklet for
XYZ(56.2025, 61.5031, 85.2530)
contains.

XYZ(56.2025, 61.5031, 85.2530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.2025, 61.5031,
85.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D2E8
RGB	179, 210, 232
RGB Percent	70%, 82%, 91%
CMY	0.2980, 0.1765, 0.0902
CMYK	0.23, 0.09, 0.00, 0.09
HSL	205°, 54%, 81%
HSV	205°, 23%, 91%
XYZ	56.2025, 61.5031, 85.2530
YIQ	203.2390, -25.5380, 0.2700

Conversions

Conversions Part 2

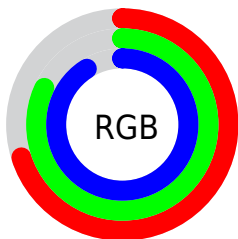
Format	Color
R_{YB}	179, 199, 232
Decimal	11784936
CIE _{Lab}	82.65, -5.54, -14.25
CIE _{LCh}	83, 15.292, 248.768
Yxy	61.5031, 0.2769, 0.3030
Android (android.graphics.Color)	4289975016 (0xFFB3D2E8)
YUV	203.2390, 14.1792, -21.2576
Hunter-Lab	78.4239, -9.3198, -9.5562

Details

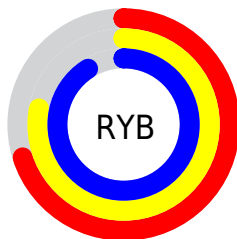
The XYZ color **56.2025, 61.5031, 85.2530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.3027, 62.1840, 51.3683**, and the grayscale version is **56.8416, 59.8018, 65.1241**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **28.1824, 31.2715, 45.6249** is the 20% darker color. If you saturate the color by 10%, you get **48.9791, 54.3570, 84.2554**, and if you desaturate by 10%, it is **64.4748, 69.4054, 86.3433**.

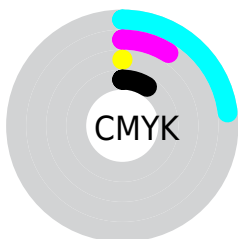
Distribution



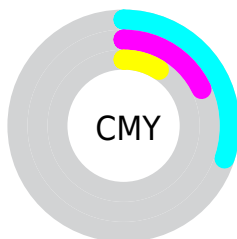
- Red (70%)
- Green (82%)
- Blue (91%)



- Red (70%)
- Yellow (78%)
- Blue (91%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2025, 61.5031, 85.2530 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 56.2025, 61.5031, 85.2530 by changing the saturation by 10% instead.

■ 56.2025, 61.5031,
85.2530

■ 56.2025, 61.5031,
85.2530

400.5169,
430.1162, 532.6313

■ 40.6029, 44.6313,
63.4991

■ 98.4387, 107.0070,
142.6039

■ 28.1953, 31.1671,
45.8015

125.8060,
136.4080, 179.0380

■ 18.6141, 20.7261,
31.7417

157.8267,
170.7541, 221.2025

■ 11.4941, 12.9240,
20.9011

194.8660,
210.4298, 269.5161

■ 6.4700, 7.3762,
12.8612

237.2893,
255.8195, 324.3972

■ 3.1762, 3.6985,
7.2034

285.4620,

■ 1.2476, 1.5064,

307.3075, 386.2644

3.5093

339.7494,
365.2783, 455.5363

■ 0.1435, 0.2932,
1.3602

■ 0.0000, 0.0000,
0.1104

■ 56.2025, 61.5031,
85.2530

■ 56.2025, 61.5031,
85.2530

■ 48.9791, 54.3570,
84.2554

■ 64.4748, 69.4054,
86.3433

■ 42.7513, 47.9314,
83.3434

■ 73.8349, 78.0828,
87.5249

■ 37.4696, 42.1983,
82.5151

■ 84.3261, 87.5629,
88.8018

■ 33.0772, 37.1246,
81.7673

■ 89.5335, 94.5420,
89.8744

■ 29.5111, 32.6738,
81.0962

■ 91.5657, 98.6063,
90.5518

■ 26.6985, 28.8043,
80.4975

■ 24.5523, 25.4668,
79.9665

■ 23.3289, 23.3528,
79.6229

Harmonies

Analogous

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



53.6761, 61.5031, 78.9251



56.2025, 61.5031, 85.2530



59.4235, 61.5031, 86.4507

Triad

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



56.2025, 61.5031, 85.2530



64.9141, 61.5031, 64.2506



54.5960, 61.5031, 53.8477

Complementary

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



56.2025, 61.5031, 85.2530



62.3027, 62.1840, 51.3683

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.



57.5007, 61.5031, 50.6545



56.2025, 61.5031, 85.2530



63.5134, 61.5031, 56.2812

Square

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



56.2025, 61.5031, 85.2530



64.5348, 61.5031, 73.7228



60.7707, 61.5031, 51.5017



52.7730, 61.5031, 60.6360

Rectangle

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



56.2025, 61.5031, 85.2530



61.5449, 61.5031, 84.0799



60.7707, 61.5031, 51.5017



55.4738, 61.5031, 52.3485

Sweetspot

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



56.2044, 61.5056, 85.2544



86.4671, 92.1342, 107.8341



57.8970, 71.4776, 65.5126



18.3560, 19.5802, 23.0618



0.0000, 0.0000, 0.0000



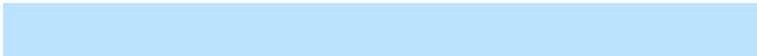
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2044, 61.5056, 85.2544



65.6479, 72.3014, 105.1033



50.3601, 49.8171, 83.3063



14.2798, 15.2810, 18.3412



13.0782, 13.2186, 44.2453



1.0576, 1.1591, 3.3000

Inverse Universe

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



61.0332, 54.0507, 68.1916



72.6162, 61.9553, 80.3881



68.8036, 75.1858, 53.5352



14.7288, 14.5087, 16.7724



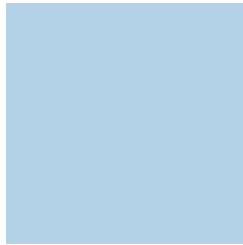
20.9948, 10.5321, 14.1335



1.5974, 0.7967, 1.2867

Previews

White Background



This preview shows how the XYZ color 56.2025, 61.5031, 85.2530 looks on a white background.

Color Contrast Check

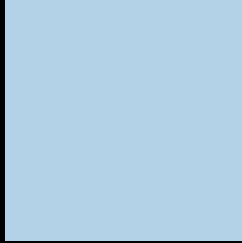
Large Text (above 18pt) WCAG AA × Fail

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 56.2025, 61.5031, 85.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

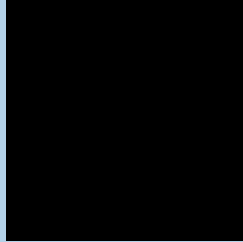
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

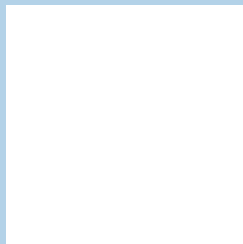
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2025, 61.5031, 85.2530

Background



This preview shows how black text looks on a background with the XYZ color 56.2025, 61.5031, 85.2530.



This preview shows how white text looks on a background with the XYZ color 56.2025, 61.5031,

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

56.2025, 61.5031, 85.2530

Protanopia

59.9536, 61.3437, 82.0794

Deuteranopia

62.6569, 61.2461, 86.3612



Tritanopia

55.6580, 61.6549, 82.3659

Trichromacy



Original Color

56.2025, 61.5031, 85.2530

Protanomaly

58.4623, 61.2691, 82.8736

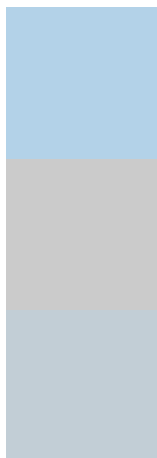
Deuteranomaly

60.1203, 61.3483, 85.7635

Tritanomaly

55.7972, 61.7107, 83.0993

Monochromacy



Original Color

56.2025, 61.5031, 85.2530

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4570, 60.4670, 72.3140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2025, 61.5031, 85.2530 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(179, 210, 232)` looks like.

```
.text, #text, p{  
    color:rgb(179, 210, 232)  
}
```

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(179, 210, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 210, 232) }
```

Border

The CSS property to change the border of an element to XYZ 56.2025, 61.5031, 85.2530 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(179, 210, 232) }
```


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

```
.border{ border-color:rgb(179, 210, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 210, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 210, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 210, 232);  
box-shadow:4px 4px 4px 4px rgb(179, 210,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2025, 61.5031, 85.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 210, 232) }
```

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

```
.background{ background-color: rgb(179,  
210, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor