

Converting Colors

XYZ(56.4504, 60.1225, 77.7197)

Have a look what the booklet for
XYZ(56.4504, 60.1225, 77.7197)
contains.

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Color

**XYZ(56.2513, 59.8837,
77.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	BECDDE
RGB	190, 205, 222
RGB Percent	75%, 80%, 87%
CMY	0.2549, 0.1961, 0.1294
CMYK	0.14, 0.08, 0.00, 0.13
HSL	212°, 33%, 81%
HSV	212°, 14%, 87%
XYZ	56.2513, 59.8837, 77.7012
YIQ	202.4530, -14.3970, 2.1070

Conversions

Conversions Part 2

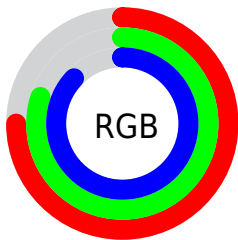
Format	Color
R_{YB}	190, 200, 222
Decimal	12504542
CIE _{Lab}	81.77, -1.65, -10.15
CIE _{LCh}	82, 10.281, 260.758
Yxy	59.8837, 0.2902, 0.3089
Android (android.graphics.Color)	4290694622 (0xFFBECDDDE)
YUV	202.4530, 9.6367, -10.9213
Hunter-Lab	77.3846, -5.6703, -5.3634

Details

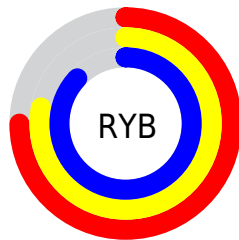
The XYZ color **56.2513, 59.8837, 77.7012** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7316, 63.8727, 57.7913**, and the grayscale version is **56.3715, 59.3072, 64.5855**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.1950, 30.1575, 40.8942** is the 20% darker color. If you saturate the color by 10%, you get **48.4083, 51.8111, 76.5574**, and if you desaturate by 10%, it is **65.1551, 68.8219, 78.9581**.

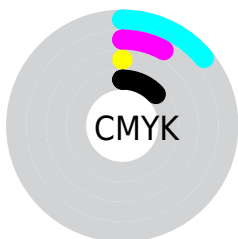
Distribution



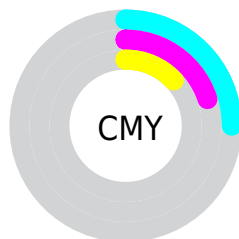
- Red (75%)
- Green (80%)
- Blue (87%)



- Red (75%)
- Yellow (78%)
- Blue (87%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2513, 59.8837, 77.7012 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 56.2513, 59.8837, 77.7012 by changing the saturation by 10% instead.

■ 56.2513, 59.8837,
77.7012

■ 56.2513, 59.8837,
77.7012

400.6975,
424.1690, 506.6525

■ 40.6422, 43.3249,
57.3136

■ 98.5096, 104.6609,
131.9109

■ 28.2261, 30.1401,
40.8460

125.8895,
133.6482, 166.5700

■ 18.6375, 19.9450,
27.8800

157.9238,
167.5470, 206.8233

■ 11.5111, 12.3550,
17.9970

194.9777,
206.7418, 253.0894

■ 6.4815, 6.9860,
10.7784

237.4167,
251.6170, 305.7869

■ 3.1834, 3.4533,
5.8057

285.6061,

■ 1.2515, 1.3727,

302.5570, 365.3342

2.6604

339.9113,
359.9462, 432.1499

■ 0.1465, 0.1965,
0.9234

■ 0.0000, 0.0000,
0.0000

■ 56.2513, 59.8837,
77.7012

■ 56.2513, 59.8837,
77.7012

■ 48.4083, 51.8111,
76.5574

■ 65.1551, 68.8219,
78.9581

■ 41.5779, 44.5677,
75.5192

■ 75.1544, 78.6456,
80.3273

■ 35.7162, 38.1251,
74.5846

■ 85.6971, 89.0782,
81.7853

■ 30.7735, 32.4505,
73.7498

■ 89.2894, 96.2628,
82.9827

■ 26.6954, 27.5080,
73.0108

■ 90.1850, 98.0540,
83.2813

■ 23.4212, 23.2583,
72.3631

■ 20.8810, 19.6571,
71.8018

■ 18.9907, 16.6520,
71.3214

■ 18.1437, 15.1913,
71.0841

Harmonies

Analogous

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



54.3230, 59.8837, 74.8860



56.2513, 59.8837, 77.7012



58.4069, 59.8837, 77.0068

Triad

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



56.2513, 59.8837, 77.7012



60.9023, 59.8837, 61.0656



53.7521, 59.8837, 57.9439

Complementary

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



56.2513, 59.8837, 77.7012



61.7316, 63.8727, 57.7913

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.



55.4540, 59.8837, 54.6719



56.2513, 59.8837, 77.7012



59.5936, 59.8837, 56.3932

Square

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



56.2513, 59.8837, 77.7012



61.1289, 59.8837, 67.1379



57.5893, 59.8837, 54.1228



52.9044, 59.8837, 63.3060

Rectangle

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



56.2513, 59.8837, 77.7012



59.6808, 59.8837, 74.6635



57.5893, 59.8837, 54.1228



54.2412, 59.8837, 56.5777

Sweetspot

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



56.2531, 59.8862, 77.7025



89.6924, 94.7083, 108.1610



58.5630, 67.6730, 68.7094



18.9881, 20.0632, 23.1218



0.0000, 0.0000, 0.0000



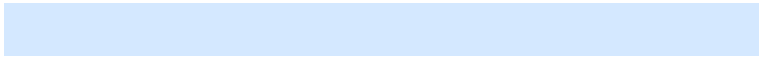
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2531, 59.8862, 77.7025



73.9499, 78.8638, 105.9324



52.9680, 53.1179, 76.5693



13.4792, 14.2975, 17.4370



10.8861, 9.2417, 42.2584



0.8436, 0.8187, 2.9588

Inverse Universe

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



59.5585, 56.7655, 65.5782



79.2579, 73.9969, 86.4302



65.3776, 71.4068, 59.0534



13.9733, 13.8070, 15.6298



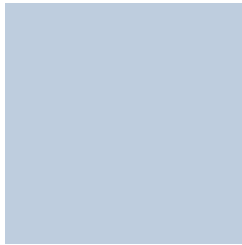
19.4350, 9.8410, 8.9563



1.3921, 0.7001, 0.8575

Previews

White Background



This preview shows how the XYZ color 56.2513, 59.8837, 77.7012 looks on a white background.

Color Contrast Check

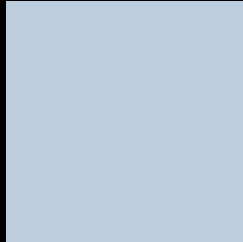
Large Text (above 18pt) WCAG AA × Fail

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 56.2513, 59.8837, 77.7012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

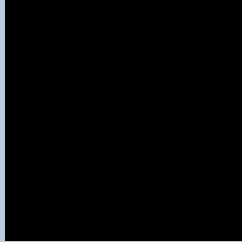
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2513, 59.8837, 77.7012

Background



This preview shows how black text looks on a background with the XYZ color 56.2513, 59.8837, 77.7012.

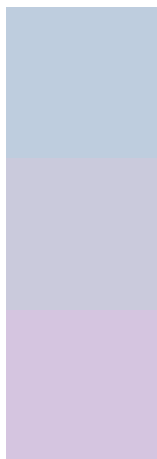


This preview shows how white text looks on a background with the XYZ color 56.2513, 59.8837,

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

56.2513, 59.8837, 77.7012

Protanopia

58.3959, 59.9649, 76.2067

Deuteranopia

60.8614, 59.4605, 78.7903



Tritanopia

56.1177, 59.8303, 76.9973

Trichromacy



Original Color

56.2513, 59.8837, 77.7012

Protanomaly

57.6958, 59.9381, 76.9349

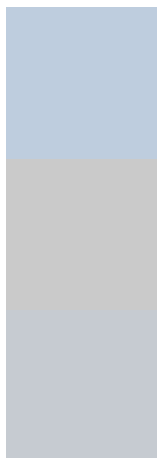
Deuteranomaly

59.1504, 59.6154, 78.2014

Tritanomaly

56.1177, 59.8303, 76.9973

Monochromacy



Original Color

56.2513, 59.8837, 77.7012

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1533, 59.3211, 68.8121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2513, 59.8837, 77.7012 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(190, 205, 222) looks like.

```
.text, #text, p{  
    color:rgb(190, 205, 222)  
}
```

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(190, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 56.2513, 59.8837, 77.7012 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(190, 205, 222) }
```


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

```
.border{ border-color:rgb(190, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 205, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 205, 222);  
box-shadow:4px 4px 4px 4px rgb(190, 205,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2513, 59.8837, 77.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 205, 222) }
```

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

```
.background{ background-color: rgb(190,  
205, 222) }
```

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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