

Converting Colors

XYZ(56.1386, 61.2832, 78.7705)

Have a look what the booklet for
XYZ(56.1386, 61.2832, 78.7705)
contains.

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Color

**XYZ(56.1273, 61.2429,
78.6749)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D1DF
RGB	185, 209, 223
RGB Percent	73%, 82%, 87%
CMY	0.2745, 0.1804, 0.1255
CMYK	0.17, 0.06, 0.00, 0.13
HSL	202°, 37%, 80%
HSV	202°, 17%, 87%
XYZ	56.1273, 61.2429, 78.6749
YIQ	203.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

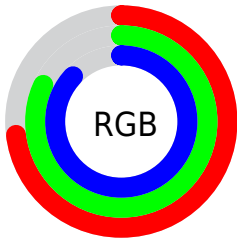
Format	Color
R_{YB}	185, 200, 223
Decimal	12177887
CIE _{Lab}	82.51, -5.12, -9.63
CIE _{LCh}	83, 10.904, 241.969
Yxy	61.2429, 0.2863, 0.3124
Android (android.graphics.Color)	4290367967 (0xFFB9D1DF)
YUV	203.4200, 9.6529, -16.1543
Hunter-Lab	78.2578, -8.9293, -4.8255

Details

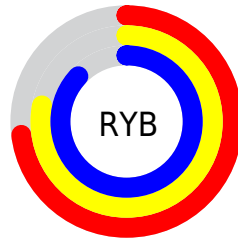
The XYZ color **56.1273, 61.2429, 78.6749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6123, 60.0375, 54.3466**, and the grayscale version is **56.9798, 59.9472, 65.2825**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **28.1493, 31.0951, 41.5641** is the 20% darker color. If you saturate the color by 10%, you get **49.2005, 54.7584, 77.7893**, and if you desaturate by 10%, it is **64.0054, 68.3753, 79.6373**.

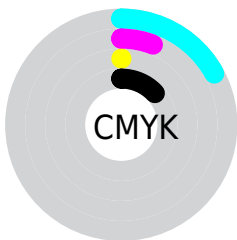
Distribution



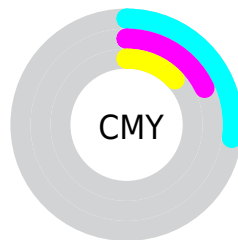
- Red (73%)
- Green (82%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1273, 61.2429, 78.6749 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 56.1273, 61.2429, 78.6749 by changing the saturation by 10% instead.

■ 56.1273, 61.2429,
78.6749

■ 56.1273, 61.2429,
78.6749

400.2383,
429.1641, 510.0444

■ 40.5424, 44.4212,
58.1088

■ 98.3294, 106.6306,
133.2956

■ 28.1478, 31.0018,
41.4809

125.6773,
135.9653, 168.1873

■ 18.5781, 20.6002,
28.3725

157.6770,
170.2399, 208.6913

■ 11.4680, 12.8321,
18.3651

194.6937,
209.8387, 255.2261

■ 6.4522, 7.3130,
11.0403

237.0928,
255.1462, 308.2103

■ 3.1652, 3.6586,
5.9794

285.2397,

■ 1.2417, 1.4845,

306.5466, 368.0623

2.7640

339.4998,
364.4244, 435.2009

■ 0.1389, 0.2778,
0.9754

■ 0.0000, 0.0000,
0.0000

■ 56.1273, 61.2429,
78.6749

■ 56.1273, 61.2429,
78.6749

■ 49.2005, 54.7584,
77.7893

■ 64.0054, 68.3753,
79.6373

■ 43.1789, 48.8909,
76.9742

■ 72.8675, 76.1699,
80.6748

■ 38.0202, 43.6179,
76.2283

■ 82.7515, 84.6500,
81.7907

■ 33.6767, 38.9123,
75.5489

■ 86.2704, 90.0096,
82.6397

■ 30.0956, 34.7445,
74.9332

■ 88.7686, 95.0060,
83.4724

■ 27.2170, 31.0811,
74.3778

■ 90.3195, 98.1078,
83.9894

■ 24.9714, 27.8836,
73.8790

■ 23.2682, 25.1026,
73.4320

■ 22.8236, 24.3360,
73.3074

Harmonies

Analogous

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



54.4873, 61.2429, 73.7172



56.1273, 61.2429, 78.6749



58.3638, 61.2429, 80.3606

Triad

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



56.1273, 61.2429, 78.6749



62.8076, 61.2429, 66.2428



55.8672, 61.2429, 56.3699

Complementary

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



56.1273, 61.2429, 78.6749



59.6123, 60.0375, 54.3466

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.



58.0556, 61.2429, 54.6529



56.1273, 61.2429, 78.6749



62.0975, 61.2429, 60.1113

Square

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



56.1273, 61.2429, 78.6749



62.2586, 61.2429, 72.9030



60.3427, 61.2429, 55.9763



54.3400, 61.2429, 60.8275

Rectangle

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



56.1273, 61.2429, 78.6749



59.9035, 61.2429, 79.3176



60.3427, 61.2429, 55.9763



56.5479, 61.2429, 55.4671

Sweetspot

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



56.1291, 61.2454, 78.6763



89.0338, 94.7015, 108.1944



56.6974, 67.2112, 63.9782



18.8818, 20.1146, 23.1373



0.0000, 0.0000, 0.0000



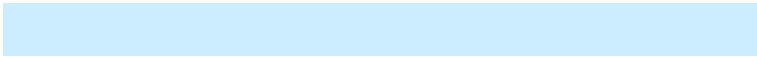
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1291, 61.2454, 78.6763



73.0090, 80.1717, 106.2344



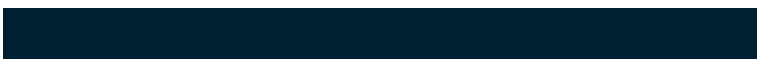
51.7559, 52.4990, 77.2185



13.6700, 14.6791, 17.5006



13.5311, 14.5318, 43.1401



1.0225, 1.1765, 3.0184

Inverse Universe

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



59.2904, 54.9907, 67.8138



78.0043, 70.5143, 89.0195



64.2436, 69.3001, 55.8904



14.0697, 13.8455, 16.1370



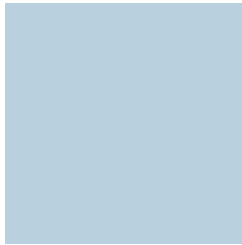
20.7701, 10.3750, 15.9869



1.4824, 0.7362, 1.3331

Previews

White Background



This preview shows how the XYZ color 56.1273, 61.2429, 78.6749 looks on a white background.

Color Contrast Check

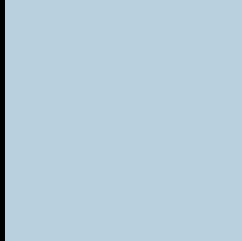
Large Text (above 18pt) WCAG AA × Fail

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 56.1273, 61.2429, 78.6749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

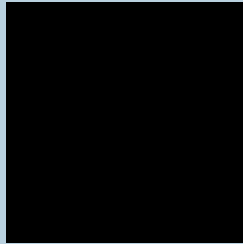
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

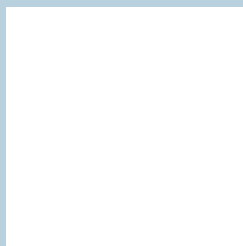
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1273, 61.2429, 78.6749

Background



This preview shows how black text looks on a background with the XYZ color 56.1273, 61.2429, 78.6749.

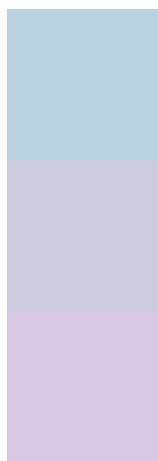


This preview shows how white text looks on a background with the XYZ color 56.1273, 61.2429,

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

56.1273, 61.2429, 78.6749

Protanopia

59.4130, 61.1904, 76.3897

Deuteranopia

62.3329, 60.8820, 79.7003



Tritanopia

56.3987, 61.3515, 80.1037

Trichromacy



Original Color

56.1273, 61.2429, 78.6749

Protanomaly

58.1484, 61.2334, 77.1611

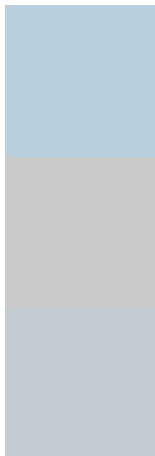
Deuteranomaly

59.9873, 61.0728, 79.1476

Tritanomaly

56.2626, 61.2970, 79.3872

Monochromacy



Original Color

56.1273, 61.2429, 78.6749

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2291, 60.0515, 69.6003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1273, 61.2429, 78.6749 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(185, 209, 223) looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 223)  
}
```

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(185, 209, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 223) }
```

Border

The CSS property to change the border of an element to XYZ 56.1273, 61.2429, 78.6749 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(185, 209, 223) }
```


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

```
.border{ border-color:rgb(185, 209, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 209, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 209, 223);  
box-shadow:4px 4px 4px 4px rgb(185, 209,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1273, 61.2429, 78.6749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 223) }
```

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

```
.background{ background-color: rgb(185,  
209, 223) }
```

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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