

Converting Colors

XYZ(56.2747, 61.2328, 73.3741)

Have a look what the booklet for
XYZ(56.2747, 61.2328, 73.3741)
contains.

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Color

**XYZ(56.0568, 60.9652,
73.1029)**

Conversions

Conversions Part 1

Format	Color
Hex	BED0D7
RGB	190, 208, 215
RGB Percent	75%, 82%, 84%
CMY	0.2549, 0.1843, 0.1569
CMYK	0.12, 0.03, 0.00, 0.16
HSL	197°, 24%, 79%
HSV	197°, 12%, 84%
XYZ	56.0568, 60.9652, 73.1029
YIQ	203.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

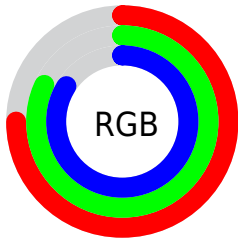
Format	Color
R _Y B	190, 200, 215
Decimal	12505303
CIE Lab	82.36, -4.66, -5.54
CIE LCh	82, 7.239, 229.953
Yxy	60.9652, 0.2948, 0.3207
Android (android.graphics.Color)	4290695383 (0xFFBED0D7)
YUV	203.4160, 5.7109, -11.7658
Hunter-Lab	78.0802, -8.4883, -0.8543

Details

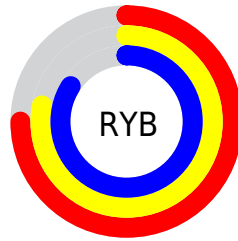
The XYZ color **56.0568, 60.9652, 73.1029** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2851, 58.0969, 56.9108**, and the grayscale version is **56.9987, 59.9671, 65.3042**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.0541, 30.8835, 37.7402** is the 20% darker color. If you saturate the color by 10%, you get **49.6389, 55.5214, 72.3914**, and if you desaturate by 10%, it is **63.3261, 66.9338, 73.8728**.

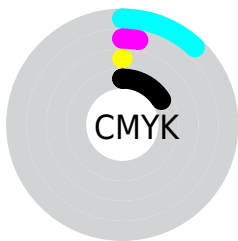
Distribution



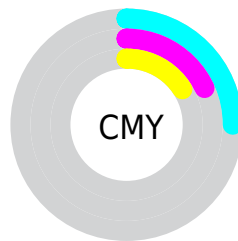
- Red (75%)
- Green (82%)
- Blue (84%)



- Red (75%)
- Yellow (78%)
- Blue (84%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0568, 60.9652, 73.1029 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 56.0568, 60.9652, 73.1029 by changing the saturation by 10% instead.

■ 56.0568, 60.9652,
73.1029

■ 56.0568, 60.9652,
73.1029

399.9771,
428.1464, 490.4517

■ 40.4856, 44.1971,
53.5678

■ 98.2269, 106.2285,
125.3456

■ 28.1033, 30.8255,
37.8654

125.5567,
135.4926, 158.8902

■ 18.5444, 20.4660,
25.5772

157.5366,
169.6907, 197.9417

■ 11.4436, 12.7342,
16.2847

194.5321,
209.2073, 242.9186

■ 6.4355, 7.2458,
9.5693

236.9085,
254.4267, 294.2396

■ 3.1548, 3.6163,
5.0125

285.0313,

■ 1.2362, 1.4613,

305.7335, 352.3230

2.1957

339.2657,
363.5119, 417.5876

■ 0.1346, 0.2613,
0.6719

■ 0.0000, 0.0000,
0.0000

■ 56.0568, 60.9652,
73.1029

■ 56.0568, 60.9652,
73.1029

■ 49.6389, 55.5214,
72.3914

■ 63.3261, 66.9338,
73.8728

■ 44.0320, 50.5758,
71.7323

■ 71.4744, 73.4374,
74.6986

■ 39.1999, 46.1105,
71.1251

■ 80.5348, 80.4956,
75.5835

■ 35.1020, 42.1036,
70.5676

■ 82.3834, 83.9213,
76.1473

■ 31.6934, 38.5309,
70.0577

■ 84.1071, 87.3687,
76.7218

■ 28.9240, 35.3657,
69.5927

■ 85.8893, 90.9332,
77.3159

■ 26.7367, 32.5775,
69.1698

■ 87.7307, 94.6160,
77.9297

■ 25.0629, 30.1301,
68.7856

■ 89.2659, 97.6864,
78.4414

■ 23.9586, 28.2918,
68.4890

Harmonies

Analogous

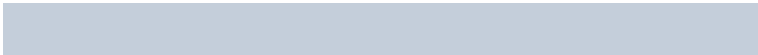
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.2002, 60.9652, 69.3240



56.0568, 60.9652, 73.1029



57.4294, 60.9652, 75.1075

Triad

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



56.0568, 60.9652, 73.1029



60.9176, 60.9652, 67.8747



56.9386, 60.9652, 58.7069

Complementary

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



56.0568, 60.9652, 73.1029



57.2851, 58.0969, 56.9108

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.



58.4649, 60.9652, 58.3576



56.0568, 60.9652, 73.1029



60.7805, 60.9652, 63.5220

Square

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



56.0568, 60.9652, 73.1029



60.2476, 60.9652, 72.0015



59.8763, 60.9652, 60.0838



55.7030, 60.9652, 61.0603

Rectangle

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



56.0568, 60.9652, 73.1029



58.4601, 60.9652, 75.1101



59.8763, 60.9652, 60.0838



57.4341, 60.9652, 58.3554

Sweetspot

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



56.0586, 60.9677, 73.1043



91.6121, 97.2194, 108.5445



55.5765, 63.5650, 61.9644



19.4164, 20.6525, 23.2129



0.0000, 0.0000, 0.0000



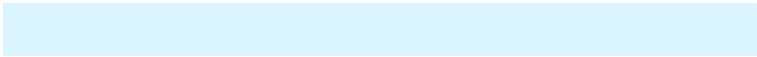
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0586, 60.9677, 73.1043



80.0087, 87.6366, 107.3064



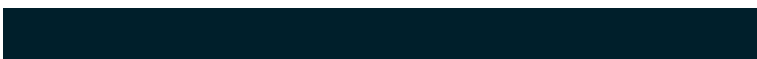
53.2043, 55.2592, 72.1528



12.4848, 13.4929, 15.8839



14.4235, 17.1087, 40.9953



0.9382, 1.1684, 2.4954

Inverse Universe

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



57.8243, 55.8293, 67.4059



83.1326, 78.6728, 97.1968



60.1609, 63.8485, 57.8694



12.7979, 12.5707, 14.8759



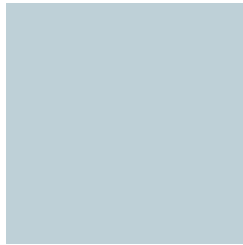
20.3392, 10.0720, 19.6219



1.2612, 0.6213, 1.3648

Previews

White Background



This preview shows how the XYZ color 56.0568, 60.9652, 73.1029 looks on a white background.

Color Contrast Check

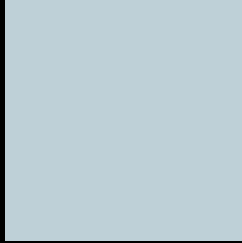
Large Text (above 18pt) WCAG AA × Fail

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 56.0568, 60.9652, 73.1029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

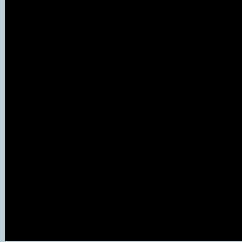
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

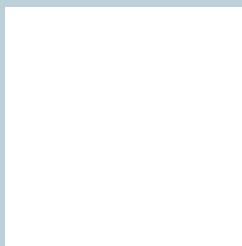
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0568, 60.9652, 73.1029

Background



This preview shows how black text looks on a background with the XYZ color 56.0568, 60.9652, 73.1029.



This preview shows how white text looks on a background with the XYZ color 56.0568, 60.9652,

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

56.0568, 60.9652, 73.1029

Protanopia

58.6932, 60.5871, 70.8884

Deuteranopia

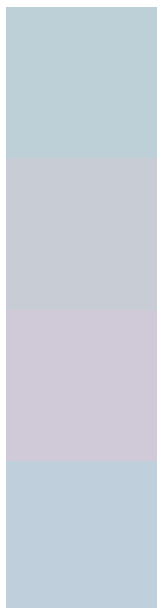
62.1612, 60.9167, 74.1275



Tritanopia

57.1180, 61.0297, 78.5815

Trichromacy



Original Color

56.0568, 60.9652, 73.1029

Protanomaly

57.6610, 60.7461, 71.6369

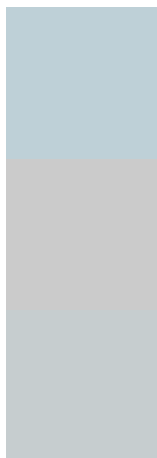
Deuteranomaly

59.5276, 60.6088, 73.5270

Tritanomaly

56.7169, 60.8693, 76.4698

Monochromacy



Original Color

56.0568, 60.9652, 73.1029

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3825, 60.1734, 67.6744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0568, 60.9652, 73.1029 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, 208, 215)` looks like.

```
.text, #text, p{  
    color:rgb(190, 208, 215)  
}
```

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, 208, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 208, 215) }
```

Border

The CSS property to change the border of an element to XYZ 56.0568, 60.9652, 73.1029 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, 208, 215) }
```


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

```
.border{ border-color:rgb(190, 208, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 208, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 208, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 208, 215);  
box-shadow:4px 4px 4px 4px rgb(190, 208,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0568, 60.9652, 73.1029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 208, 215) }
```

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

```
.background{ background-color: rgb(190,  
208, 215) }
```

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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