

Converting Colors

XYZ(58.1077, 60.2263, 73.5280)

Have a look what the booklet for
XYZ(58.1077, 60.2263, 73.5280)
contains.

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Color

**XYZ(58.1077, 60.2263,
73.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	CACBD8
RGB	202, 203, 216
RGB Percent	79%, 80%, 85%
CMY	0.2078, 0.2039, 0.1529
CMYK	0.06, 0.06, 0.00, 0.15
HSL	236°, 15%, 82%
HSV	236°, 6%, 85%
XYZ	58.1077, 60.2263, 73.5280
YIQ	204.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

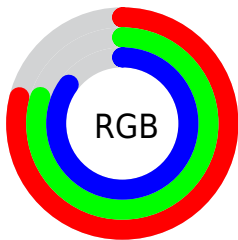
Format	Color
R _Y B	202, 203, 216
Decimal	13290456
CIE Lab	81.96, 2.11, -6.57
CIE LCh	82, 6.900, 287.847
Yxy	60.2263, 0.3029, 0.3139
Android (android.graphics.Color)	4291480536 (0xFFCACBD8)
YUV	204.1830, 5.8258, -1.9145
Hunter-Lab	77.6056, -2.1568, -1.8508

Details

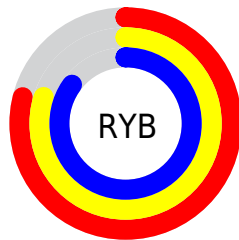
The XYZ color **58.1077, 60.2263, 73.5280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2801, 67.4634, 65.5646**, and the grayscale version is **57.4781, 60.4715, 65.8534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3932, 30.3640, 38.0299** is the 20% darker color. If you saturate the color by 10%, you get **48.2345, 48.5569, 71.7969**, and if you desaturate by 10%, it is **69.4149, 73.5475, 75.5042**.

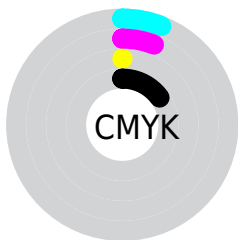
Distribution



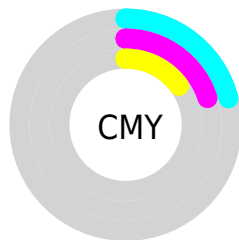
- Red (79%)
- Green (80%)
- Blue (85%)



- Red (79%)
- Yellow (80%)
- Blue (85%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1077, 60.2263, 73.5280 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 58.1077, 60.2263, 73.5280 by changing the saturation by 10% instead.

■ 58.1077, 60.2263,
73.5280

■ 58.1077, 60.2263,
73.5280

407.5345,
425.4314, 491.9625

■ 42.1388, 43.6011,
53.9134

101.2017,
105.1579, 125.9543

■ 29.4016, 30.3570,
38.1397

129.0576,
134.2330, 159.6031

■ 19.5306, 20.1097,
25.7885

161.6066,
168.2269, 198.7670

■ 12.1606, 12.4748,
16.4411

199.2139,
207.5239, 243.8646

■ 6.9261, 7.0679,
9.6791

242.2450,
252.5085, 295.3144

■ 3.4619, 3.5046,
5.0839

291.0653,

■ 1.4025, 1.4005,

303.5650, 353.5350

2.2370

346.0400,
361.0778, 418.9448

■ 0.2580, 0.2171,
0.6956

■ 0.0000, 0.0000,
0.0000

■ 58.1077, 60.2263,
73.5280

■ 58.1077, 60.2263,
73.5280

■ 48.2345, 48.5569,
71.7969

■ 69.4149, 73.5475,
75.5042

■ 39.7331, 38.4676,
70.2975

■ 82.2048, 88.5733,
77.7304

■ 32.5441, 29.8927,
69.0213

■ 89.3949, 97.7379,
79.1204

■ 26.6021, 22.7590,
67.9575

■ 21.8358, 16.9873,
67.0947

■ 18.1670, 12.4905,
66.4201

■ 15.5077, 9.1718,
65.9197

■ 13.7562, 6.9200,
65.5773

■ 12.7872, 5.6015,
65.3739

Harmonies

Analogous

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



56.6545, 60.2263, 73.7513



58.1077, 60.2263, 73.5280



59.3491, 60.2263, 71.1193

Triad

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



58.1077, 60.2263, 73.5280



59.1474, 60.2263, 59.7964



54.5434, 60.2263, 63.8987

Complementary

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



58.1077, 60.2263, 73.5280



63.2801, 67.4634, 65.5646

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.



55.1879, 60.2263, 60.3289



58.1077, 60.2263, 73.5280



57.8361, 60.2263, 58.0287

Square

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



58.1077, 60.2263, 73.5280



59.9564, 60.2263, 63.1437



56.3875, 60.2263, 58.2194



54.6133, 60.2263, 68.0704

Rectangle

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



58.1077, 60.2263, 73.5280



59.8820, 60.2263, 68.6538



56.3875, 60.2263, 58.2194



54.6832, 60.2263, 62.5920

Sweetspot

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



58.1095, 60.2289, 73.5293



91.7067, 96.0619, 108.3161



61.1583, 66.5670, 73.8040



19.6640, 20.6025, 23.1902



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.



58.1095, 60.2289, 73.5293



82.1923, 84.8407, 106.6516



59.4817, 60.5857, 73.5259



11.8134, 12.1502, 15.6601



7.4708, 3.2035, 38.6777



0.4762, 0.2444, 2.3414

Inverse Universe

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



60.2203, 61.1529, 65.1327



85.9833, 86.5076, 91.5699



61.8433, 67.1031, 65.5708



12.4590, 12.4351, 13.0914



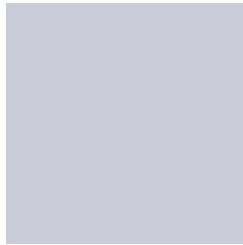
16.8298, 8.6682, 1.1418



1.0280, 0.5280, 0.1369

Previews

White Background



This preview shows how the XYZ color 58.1077, 60.2263, 73.5280 looks on a white background.

Color Contrast Check

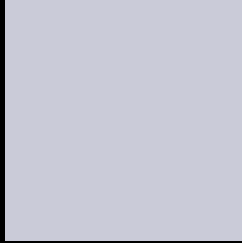
Large Text (above 18pt) WCAG AA × Fail

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 58.1077, 60.2263, 73.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

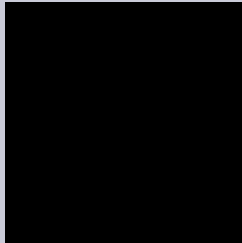
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

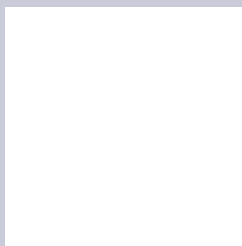
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1077, 60.2263, 73.5280

Background



This preview shows how black text looks on a background with the XYZ color 58.1077, 60.2263, 73.5280.

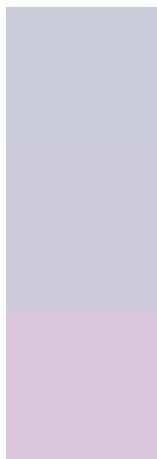


This preview shows how white text looks on a background with the XYZ color 58.1077, 60.2263,

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

58.1077, 60.2263, 73.5280

Protanopia

58.4170, 60.0363, 73.4750

Deuteranopia

61.3337, 60.1496, 74.0230



Tritanopia

58.4992, 60.3829, 75.5897

Trichromacy



Original Color

58.1077, 60.2263, 73.5280

Protanomaly

58.1438, 59.8954, 73.4622

Deuteranomaly

60.3300, 60.3154, 74.1079

Tritanomaly

58.3679, 60.3304, 74.8983

Monochromacy



Original Color

58.1077, 60.2263, 73.5280

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6066, 60.4363, 68.3037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1077, 60.2263, 73.5280 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(202, 203, 216) looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 216)  
}
```

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(202, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.1077, 60.2263, 73.5280 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(202, 203, 216) }
```


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

```
.border{ border-color:rgb(202, 203, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1077, 60.2263, 73.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 216) }
```

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

```
.background{ background-color: rgb(202,  
203, 216) }
```

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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