

Converting Colors

XYZ(58.1289, 61.5819, 77.2294)

Have a look what the booklet for
XYZ(58.1289, 61.5819, 77.2294)
contains.

XYZ(58.1289, 61.5819, 77.2294)	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(58.1289, 61.5819,
77.2294)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CFDD
RGB	196, 207, 221
RGB Percent	77%, 81%, 87%
CMY	0.2314, 0.1882, 0.1333
CMYK	0.11, 0.06, 0.00, 0.13
HSL	214°, 27%, 82%
HSV	214°, 11%, 87%
XYZ	58.1289, 61.5819, 77.2294
YIQ	205.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

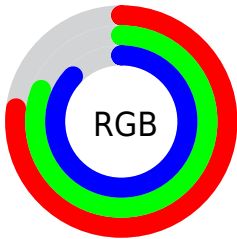
Format	Color
R_{YB}	196, 204, 221
Decimal	12898269
CIE _{Lab}	82.69, -0.98, -8.21
CIE _{LCh}	83, 8.265, 263.203
Yxy	61.5819, 0.2952, 0.3127
Android (android.graphics.Color)	4291088349 (0xFFC4CFDD)
YUV	205.3070, 7.7366, -8.1622
Hunter-Lab	78.4741, -5.1077, -3.4177

Details

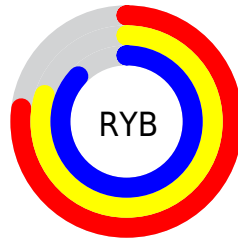
The XYZ color **58.1289, 61.5819, 77.2294** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8294, 65.4504, 61.5473**, and the grayscale version is **58.1825, 61.2126, 66.6605**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.4295, 31.2864, 40.5642** is the 20% darker color. If you saturate the color by 10%, you get **49.9176, 53.0732, 76.0208**, and if you desaturate by 10%, it is **67.4255, 71.0022, 78.5587**.

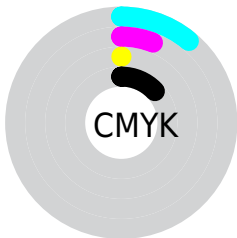
Distribution



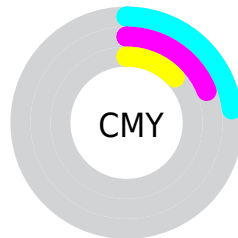
- Red (77%)
- Green (81%)
- Blue (87%)



- Red (77%)
- Yellow (80%)
- Blue (87%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1289, 61.5819, 77.2294 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 58.1289, 61.5819, 77.2294 by changing the saturation by 10% instead.

■ 58.1289, 61.5819,
77.2294

■ 58.1289, 61.5819,
77.2294

407.6122,
430.4044, 505.0042

■ 42.1559, 44.6950,
56.9285

101.2324,
107.1210, 131.2392

■ 29.4151, 31.2172,
40.5388

129.0937,
136.5420, 165.7852

■ 19.5409, 20.7643,
27.6419

161.6485,
170.9098, 205.9166

■ 12.1681, 12.9518,
17.8192

199.2621,
210.6087, 252.0520

■ 6.9313, 7.3954,
10.6522

242.3000,
256.0233, 304.6100

■ 3.4651, 3.7106,
5.7223

291.1273,

■ 1.4042, 1.5130,

307.5378, 364.0089

2.6109

346.1096,
365.5367, 430.6675

■ 0.2592, 0.2979,
0.8981

■ 0.0000, 0.0000,
0.0000

■ 58.1289, 61.5819,
77.2294

■ 58.1289, 61.5819,
77.2294

■ 49.9176, 53.0732,
76.0208

■ 67.4255, 71.0022,
78.5587

■ 42.7440, 45.4385,
74.9253

■ 77.8418, 81.3545,
80.0079

■ 36.5647, 38.6491,
73.9404

■ 86.6795, 91.2569,
81.4534

■ 31.3310, 32.6712,
73.0624

■ 90.0513, 98.0005,
82.5774

■ 26.9898, 27.4685,
72.2870

■ 23.4823, 23.0013,
71.6096

■ 20.7415, 19.2255,
71.0253

■ 18.6883, 16.0900,
70.5283

■ 17.3509, 13.8196,
70.1606

Harmonies

Analogous

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



56.5120, 61.5819, 75.1842



58.1289, 61.5819, 77.2294



59.8862, 61.5819, 76.4392

Triad

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



58.1289, 61.5819, 77.2294



61.7237, 61.5819, 63.2760



55.8422, 61.5819, 61.3685

Complementary

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



58.1289, 61.5819, 77.2294



62.8294, 65.4504, 61.5473

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.



57.1979, 61.5819, 58.4670



58.1289, 61.5819, 77.2294



60.5991, 61.5819, 59.5288

Square

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



58.1289, 61.5819, 77.2294



61.9851, 61.5819, 68.2153



58.9365, 61.5819, 57.8109



55.2091, 61.5819, 65.9025

Rectangle

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



58.1289, 61.5819, 77.2294



60.8984, 61.5819, 74.4294



58.9365, 61.5819, 57.8109



56.2272, 61.5819, 60.1794

Sweetspot

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



58.1307, 61.5845, 77.2308



90.9402, 95.8755, 108.3205



60.2241, 68.0904, 70.7792



19.2350, 20.2896, 23.1524



0.0000, 0.0000, 0.0000



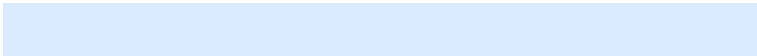
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1307, 61.5845, 77.2308



77.0657, 81.7505, 106.3254



55.8836, 56.6055, 76.3882



12.8079, 13.5556, 16.5936



10.1880, 8.2454, 40.7930



0.7449, 0.7039, 2.6711

Inverse Universe

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



60.8226, 59.3582, 67.2861



81.6471, 78.0786, 89.3741



65.2608, 70.8761, 62.4664



13.2929, 13.1463, 14.8037



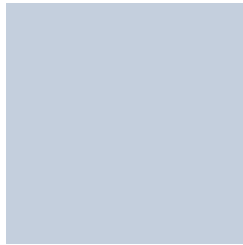
18.6378, 9.4561, 7.7385



1.2503, 0.6298, 0.7269

Previews

White Background



This preview shows how the XYZ color 58.1289, 61.5819, 77.2294 looks on a white background.

Color Contrast Check

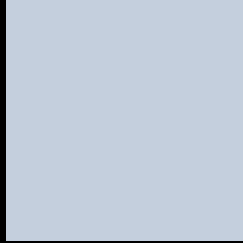
Large Text (above 18pt) WCAG AA × Fail

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 58.1289, 61.5819, 77.2294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

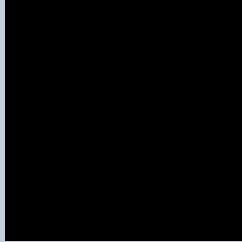
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

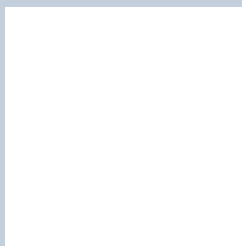
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1289, 61.5819, 77.2294

Background



This preview shows how black text looks on a background with the XYZ color 58.1289, 61.5819, 77.2294.

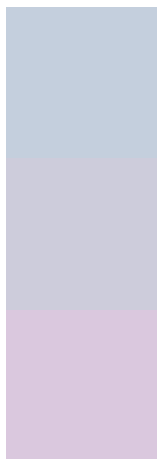


This preview shows how white text looks on a background with the XYZ color 58.1289, 61.5819,

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

58.1289, 61.5819, 77.2294

Protanopia

59.5559, 61.2793, 75.7070

Deuteranopia

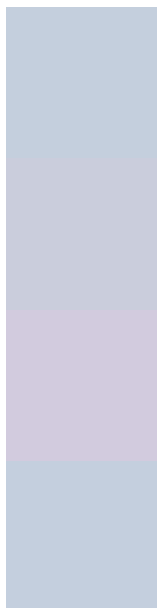
62.7525, 61.4879, 77.6682



Tritanopia

58.3971, 61.6891, 78.6414

Trichromacy



Original Color

58.1289, 61.5819, 77.2294

Protanomaly

59.1067, 61.3865, 76.4437

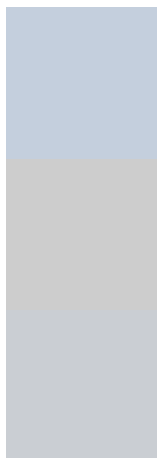
Deuteranomaly

61.1191, 61.6874, 77.7928

Tritanomaly

58.2626, 61.6353, 77.9333

Monochromacy



Original Color

58.1289, 61.5819, 77.2294

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1863, 61.4023, 70.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1289, 61.5819, 77.2294 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(196, 207, 221) looks like.

```
.text, #text, p{  
    color:rgb(196, 207, 221)  
}
```

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(196, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 207, 221) }
```

Border

The CSS property to change the border of an element to XYZ 58.1289, 61.5819, 77.2294 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(196, 207, 221) }
```


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

```
.border{ border-color:rgb(196, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(196, 207,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1289, 61.5819, 77.2294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 207, 221) }
```

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

```
.background{ background-color: rgb(196,  
207, 221) }
```

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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