

Converting Colors

XYZ(52.7899, 56.8709, 77.3237)

Have a look what the booklet for
XYZ(52.7899, 56.8709, 77.3237)
contains.

XYZ(52.8958, 57.0987, 77.3405)	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(52.8958, 57.0987,
77.3405)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CADE
RGB	179, 202, 222
RGB Percent	70%, 79%, 87%
CMY	0.2980, 0.2078, 0.1294
CMYK	0.19, 0.09, 0.00, 0.13
HSL	208°, 39%, 79%
HSV	208°, 19%, 87%
XYZ	52.8958, 57.0987, 77.3405
YIQ	197.4030, -20.1280, 1.3440

Conversions

Conversions Part 2

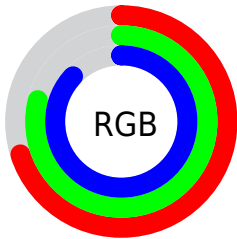
Format	Color
R_{YB}	179, 194, 222
Decimal	11782878
CIE _{Lab}	80.24, -3.53, -12.53
CIE _{LCh}	80, 13.014, 254.250
Yxy	57.0987, 0.2824, 0.3048
Android (android.graphics.Color)	4289972958 (0xFFB3CADE)
YUV	197.4030, 12.1263, -16.1394
Hunter-Lab	75.5637, -7.2836, -7.7896

Details

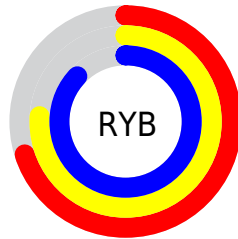
The XYZ color **52.8958, 57.0987, 77.3405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6849, 59.6313, 51.0662**, and the grayscale version is **53.2536, 56.0269, 61.0133**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **26.1691, 28.4054, 40.6628** is the 20% darker color. If you saturate the color by 10%, you get **45.8305, 49.9810, 76.3400**, and if you desaturate by 10%, it is **60.9527, 64.9711, 78.4363**.

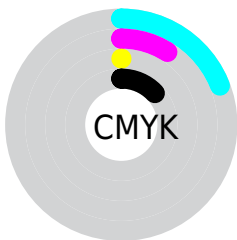
Distribution



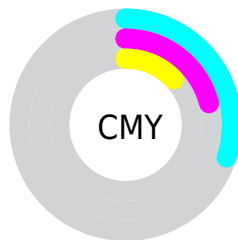
- Red (70%)
- Green (79%)
- Blue (87%)



- Red (70%)
- Yellow (76%)
- Blue (87%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8958, 57.0987, 77.3405 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 52.8958, 57.0987, 77.3405 by changing the saturation by 10% instead.

■ 52.8958, 57.0987,
77.3405

■ 52.8958, 57.0987,
77.3405

388.1526,
413.8190, 505.3926

■ 37.9467, 41.0845,
57.0192

■ 93.6175, 100.6092,
131.3974

■ 26.1184, 28.3851,
40.6112

120.1208,
128.8743, 165.9701

■ 17.0454, 18.6162,
27.6980

151.2062,
161.9917, 206.1302

■ 10.3623, 11.3933,
17.8610

187.2391,
200.3460, 252.2964

■ 5.7040, 6.3320,
10.6819

228.5848,
244.3215, 304.8873

■ 2.7049, 3.0480,
5.7419

275.6088,

■ 0.9997, 1.1568,

294.3026, 364.3212

2.6225

328.6762,
350.6736, 431.0168

■ 0.0000, 0.0260,
0.9040

■ 0.0000, 0.0000,
0.0000

■ 52.8958, 57.0987,
77.3405

■ 52.8958, 57.0987,
77.3405

■ 45.8305, 49.9810,
76.3400

■ 60.9527, 64.9711,
78.4363

■ 39.7090, 43.5844,
75.4279

■ 70.0358, 73.6162,
79.6263

■ 34.4871, 37.8826,
74.6026

■ 80.1845, 83.0603,
80.9142

■ 30.1147, 32.8450,
73.8607

■ 86.5661, 90.8161,
82.0749

■ 26.5364, 28.4378,
73.1986

■ 89.7484, 97.1808,
83.1357

■ 23.6893, 24.6232,
72.6124

■ 90.1850, 98.0540,
83.2812

■ 21.4994, 21.3576,
72.0975

■ 19.8481, 18.5741,
71.6472

■ 19.7529, 18.4098,
71.6205

Harmonies

Analogous

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



50.6932, 57.0987, 72.9478



52.8958, 57.0987, 77.3405



55.5377, 57.0987, 77.4552

Triad

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



52.8958, 57.0987, 77.3405



59.3737, 57.0987, 58.6389



50.7837, 57.0987, 52.2695

Complementary

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



52.8958, 57.0987, 77.3405



58.6849, 59.6313, 51.0662

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.



53.0229, 57.0987, 49.0422



52.8958, 57.0987, 77.3405



58.0124, 57.0987, 52.5111

Square

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



52.8958, 57.0987, 77.3405



59.3369, 57.0987, 66.2270



55.6690, 57.0987, 49.1269



49.5012, 57.0987, 58.2837

Rectangle

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



52.8958, 57.0987, 77.3405



57.1965, 57.0987, 75.0642



55.6690, 57.0987, 49.1269



51.4462, 57.0987, 50.8454

Sweetspot

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



52.8975, 57.1010, 77.3418



87.4153, 92.7566, 107.9043



54.9463, 65.9208, 63.4672



18.5394, 19.6901, 23.0734



0.0000, 0.0000, 0.0000



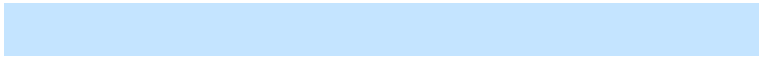
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8975, 57.1010, 77.3418



68.5736, 74.3378, 105.3422



48.3309, 47.9678, 75.8196



13.5562, 14.4515, 17.4626



11.8451, 11.1597, 42.5781



0.9104, 0.9523, 2.9811

Inverse Universe

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



56.9064, 52.0355, 62.9243



75.0243, 66.4841, 82.0766



63.8158, 69.8930, 52.7765



14.0122, 13.8225, 15.8344



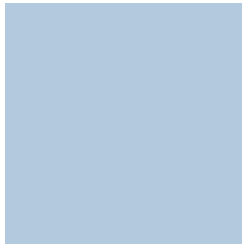
19.9191, 10.0346, 11.5054



1.4258, 0.7136, 1.0351

Previews

White Background



This preview shows how the XYZ color 52.8958, 57.0987, 77.3405 looks on a white background.

Color Contrast Check

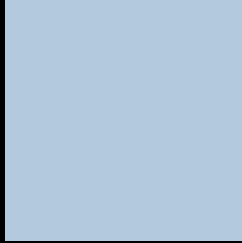
Large Text (above 18pt) WCAG AA × Fail

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 52.8958, 57.0987, 77.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

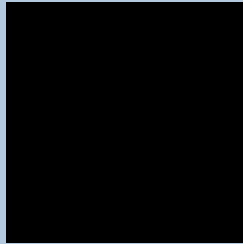
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

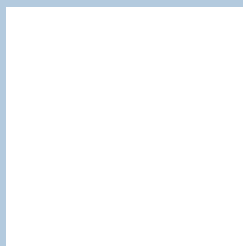
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8958, 57.0987, 77.3405

Background



This preview shows how black text looks on a background with the XYZ color 52.8958, 57.0987, 77.3405.



This preview shows how white text looks on a background with the XYZ color 52.8958, 57.0987,

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

52.8958, 57.0987, 77.3405

Protanopia

55.5174, 56.7827, 75.0519

Deuteranopia

57.9781, 56.6436, 78.3985



Tritanopia

52.5022, 57.2913, 75.3090

Trichromacy



Original Color

52.8958, 57.0987, 77.3405

Protanomaly

54.5769, 56.9613, 75.8283

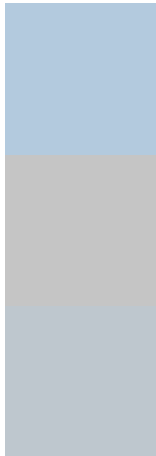
Deuteranomaly

55.8242, 56.5433, 77.7837

Tritanomaly

52.6343, 57.3442, 76.0046

Monochromacy



Original Color

52.8958, 57.0987, 77.3405

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7992, 56.2502, 66.4671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8958, 57.0987, 77.3405 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(179, 202, 222)` looks like.

```
.text, #text, p{  
    color:rgb(179, 202, 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(179, 202, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 202, 222) }
```

Border

The CSS property to change the border of an element to XYZ 52.8958, 57.0987, 77.3405 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(179, 202, 222) }
```


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

```
.border{ border-color:rgb(179, 202, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 202, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 202, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 202, 222);  
box-shadow:4px 4px 4px 4px rgb(179, 202,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8958, 57.0987, 77.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 202, 222) }
```

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

```
.background{ background-color: rgb(179,  
202, 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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