

Converting Colors

XYZ(42.1978, 45.1583, 57.5313)

Have a look what the booklet for
XYZ(42.1978, 45.1583, 57.5313)
contains.

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Color

**XYZ(42.1978, 45.1583,
57.5313)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B5C2
RGB	167, 181, 194
RGB Percent	65%, 71%, 76%
CMY	0.3451, 0.2902, 0.2392
CMYK	0.14, 0.07, 0.00, 0.24
HSL	209°, 18%, 71%
HSV	209°, 14%, 76%
XYZ	42.1978, 45.1583, 57.5313
YIQ	178.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

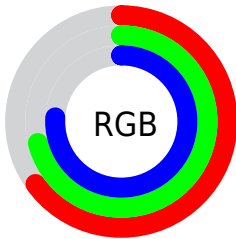
Format	Color
R_{YB}	167, 176, 194
Decimal	10991042
CIE _{Lab}	73.00, -2.17, -8.25
CIE _{LCh}	73, 8.527, 255.267
Yxy	45.1583, 0.2912, 0.3117
Android (android.graphics.Color)	4289181122 (0xFFA7B5C2)
YUV	178.2960, 7.7421, -9.9066
Hunter-Lab	67.1999, -5.5118, -3.7195

Details

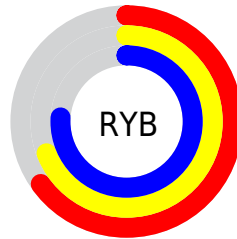
The XYZ color **42.1978, 45.1583, 57.5313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5446, 46.9016, 43.2124**, and the grayscale version is **42.4397, 44.6499, 48.6237**.

A 20% lighter version of the original color is **77.6637, 83.0001, 102.3698**, and **19.5230, 20.9766, 27.8309** is the 20% darker color. If you saturate the color by 10%, you get **36.5674, 39.5317, 56.7427**, and if you desaturate by 10%, it is **48.5730, 51.3602, 58.3931**.

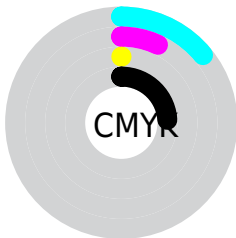
Distribution



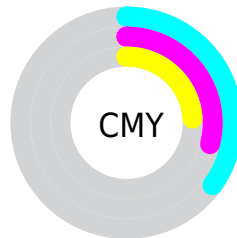
- Red (65%)
- Green (71%)
- Blue (76%)



- Red (65%)
- Yellow (69%)
- Blue (76%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1978, 45.1583, 57.5313 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 42.1978, 45.1583, 57.5313 by changing the saturation by 10% instead.

■ 42.1978, 45.1583,
57.5313

■ 42.1978, 45.1583,
57.5313

346.2799,
367.4143, 432.9866

■ 29.4480, 31.5821,
41.0198

■ 77.7622, 82.9579,
102.7480

■ 19.5660, 21.0425,
28.0147

■ 101.3075,
107.9501, 132.2903

■ 12.1864, 13.1551,
18.0976

129.1820,
137.5165, 167.0132

■ 6.9438, 7.5354,
10.8499

161.7510,
172.0414, 207.3353

■ 3.4730, 3.7991,
5.8531

199.3800,
211.9092, 253.6752

■ 1.4086, 1.5619,
2.6886

242.4342,

■ 0.2623, 0.3317,

257.5044, 306.4513

0.9377

291.2791,
309.2113, 366.0823

■ 0.0000, 0.0000,
0.0000

■ 42.1978, 45.1583,
57.5313

■ 42.1978, 45.1583,
57.5313

■ 36.5674, 39.5317,
56.7427

■ 48.5730, 51.3602,
58.3931

■ 31.6481, 34.4557,
56.0222

■ 55.7170, 58.1499,
59.3271

■ 27.4092, 29.9121,
55.3687

■ 63.6576, 65.5462,
60.3362

■ 23.8163, 25.8791,
54.7796

■ 72.4200, 73.5655,
61.4223

■ 20.8316, 22.3332,
54.2525

■ 78.6382, 80.4761,
62.4284

■ 18.4129, 19.2485,
53.7845

■ 81.2727, 85.7450,
63.3066

■ 16.5120, 16.5957,
53.3727

■ 84.0480, 91.2956,
64.2317

■ 15.0709, 14.3405,
53.0133

■ 86.7377, 96.6751,
65.1282

■ 14.3539, 13.1274,
52.8170

Harmonies

Analogous

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



40.9385, 45.1583, 55.2260



42.1978, 45.1583, 57.5313



43.6797, 45.1583, 57.5093

Triad

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



42.1978, 45.1583, 57.5313



45.7425, 45.1583, 47.0426



40.9202, 45.1583, 43.6231

Complementary

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



42.1978, 45.1583, 57.5313



45.5446, 46.9016, 43.2124

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.



42.1723, 45.1583, 41.6780



42.1978, 45.1583, 57.5313



44.9678, 45.1583, 43.5732

Square

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



42.1978, 45.1583, 57.5313



45.7497, 45.1583, 51.2840



43.6536, 45.1583, 41.6603



40.2125, 45.1583, 47.1143

Rectangle

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



42.1978, 45.1583, 57.5313



44.5956, 45.1583, 56.1709



43.6536, 45.1583, 41.6603



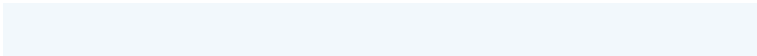
41.2901, 45.1583, 42.7759

Sweetspot

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



42.1991, 45.1602, 57.5323



87.8222, 92.8788, 105.7685



43.4264, 50.0788, 50.3448



19.0279, 20.1430, 23.1351



0.0000, 0.0000, 0.0000



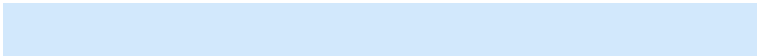
20.3446, 21.4041, 23.3091

Same Dimension

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



42.1991, 45.1602, 57.5323



72.8856, 78.2856, 103.7389



39.6589, 40.0797, 56.6856



9.9507, 10.5927, 12.8050



9.5197, 8.7959, 34.7526



0.4801, 0.5175, 1.5245

Inverse Universe

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



44.4084, 42.4439, 49.5702



77.7754, 72.4570, 86.0746



48.3160, 52.4443, 44.1362



10.2864, 10.1632, 11.5988



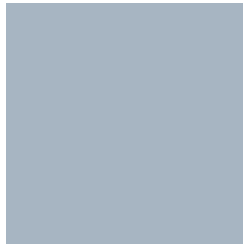
16.2011, 8.1702, 8.9709



0.7347, 0.3669, 0.5703

Previews

White Background



This preview shows how the XYZ color 42.1978, 45.1583, 57.5313 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 42.1978, 45.1583, 57.5313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

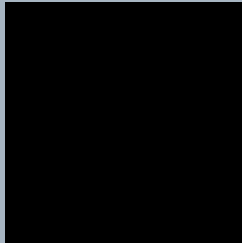
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

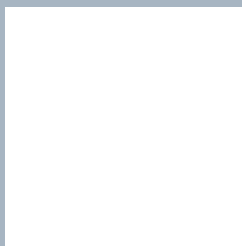
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1978, 45.1583, 57.5313

Background



This preview shows how black text looks on a background with the XYZ color 42.1978, 45.1583, 57.5313.

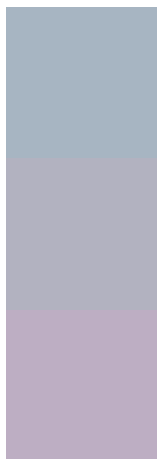


This preview shows how white text looks on a background with the XYZ color 42.1978, 45.1583,

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

42.1978, 45.1583, 57.5313

Protanopia

43.7949, 45.1115, 56.2683

Deuteranopia

45.9726, 45.0311, 57.8986



Tritanopia

42.3105, 45.2034, 58.1249

Trichromacy



Original Color

42.1978, 45.1583, 57.5313

Protanomaly

43.2013, 45.0891, 56.8782

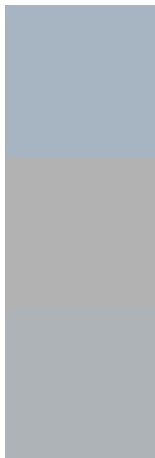
Deuteranomaly

44.6285, 45.2082, 58.0036

Tritanomaly

42.3105, 45.2034, 58.1249

Monochromacy



Original Color

42.1978, 45.1583, 57.5313

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2274, 44.6996, 51.7497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1978, 45.1583, 57.5313 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(167, 181, 194)` looks like.

```
.text, #text, p{  
    color:rgb(167, 181, 194)  
}
```

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(167, 181, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 181, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.1978, 45.1583, 57.5313 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(167, 181, 194) }
```


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

```
.border{ border-color:rgb(167, 181, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 181, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 181, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 181, 194);  
box-shadow:4px 4px 4px 4px rgb(167, 181,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1978, 45.1583, 57.5313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 181, 194) }
```

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

```
.background{ background-color: rgb(167,  
181, 194) }
```

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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