

Converting Colors

XYZ(42.5917, 45.3743, 58.6102)

Have a look what the booklet for
XYZ(42.5917, 45.3743, 58.6102)
contains.

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Color

**XYZ(42.6361, 45.3581,
58.7324)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B5C4
RGB	168, 181, 196
RGB Percent	66%, 71%, 77%
CMY	0.3412, 0.2902, 0.2314
CMYK	0.14, 0.08, 0.00, 0.23
HSL	212°, 19%, 71%
HSV	212°, 14%, 77%
XYZ	42.6361, 45.3581, 58.7324
YIQ	178.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

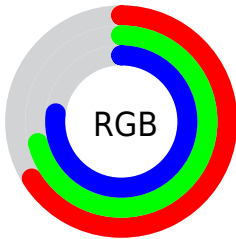
Format	Color
RYB	168, 177, 196
Decimal	11056580
CIELab	73.13, -1.42, -9.14
CIElCh	73, 9.247, 261.183
Yxy	45.3581, 0.2906, 0.3091
Android (android.graphics.Color)	4289246660 (0xFFA8B5C4)
YUV	178.8230, 8.4683, -9.4918
Hunter-Lab	67.3484, -4.8572, -4.5610

Details

The XYZ color **42.6361, 45.3581, 58.7324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7666, 48.4296, 43.9296**, and the grayscale version is **42.7157, 44.9403, 48.9400**.

A 20% lighter version of the original color is **78.4452, 83.3482, 104.8818**, and **19.8041, 21.1043, 28.6209** is the 20% darker color. If you saturate the color by 10%, you get **36.7192, 39.2584, 57.8676**, and if you desaturate by 10%, it is **49.3455, 52.1075, 59.6823**.

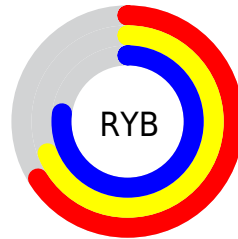
Distribution



Red (66%)

Green (71%)

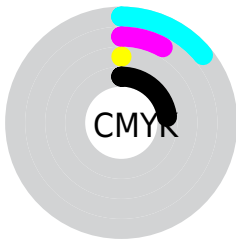
Blue (77%)



Red (66%)

Yellow (69%)

Blue (77%)

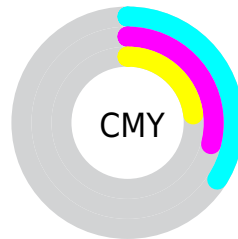


Cyan (14%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (34%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6361, 45.3581, 58.7324 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 42.6361, 45.3581, 58.7324 by changing the saturation by 10% instead.

■ 42.6361, 45.3581,
58.7324

■ 42.6361, 45.3581,
58.7324

348.0600,
368.2219, 437.5837

■ 29.7930, 31.7396,
41.9791

■ 78.4206, 83.2575,
104.5139

■ 19.8288, 21.1627,
28.7595

■ 102.0926,
108.3072, 134.3793

■ 12.3782, 13.2430,
18.6550

130.1051,
137.9361, 169.4524

■ 7.0758, 7.5961,
11.2469

162.8232,
172.5285, 210.1519

■ 3.5563, 3.8376,
6.1169

200.6124,
212.4689, 256.8962

■ 1.4543, 1.5831,
2.8464

243.8380,

■ 0.2944, 0.3462,

258.1417, 310.1039

1.0167

292.8655,
309.9313, 370.1936

■ 0.0000, 0.0000,
0.0000

■ 42.6361, 45.3581,
58.7324

■ 42.6361, 45.3581,
58.7324

■ 36.7192, 39.2584,
57.8676

■ 49.3455, 52.1075,
59.6823

■ 31.5592, 33.7814,
57.0824

■ 56.8732, 59.5214,
60.7165

■ 27.1236, 28.9060,
56.3751

■ 65.2485, 67.6210,
61.8385

■ 23.3759, 24.6077,
55.7430

■ 74.4981, 76.4250,
63.0503

■ 20.2760, 20.8602,
55.1830

■ 80.4833, 83.8043,
64.1592

■ 17.7793, 17.6342,
54.6920

■ 83.5527, 89.9431,
65.1823

■ 15.8347, 14.8972,
54.2662

■ 86.8021, 96.4418,
66.2655

■ 14.3810, 12.6108,
53.9015

■ 86.9639, 96.7656,
66.3194

■ 13.7066, 11.4709,
53.7170

Harmonies

Analogous

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



41.1893, 45.3581, 56.6652



42.6361, 45.3581, 58.7324



44.2463, 45.3581, 58.1761

Triad

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



42.6361, 45.3581, 58.7324



46.0800, 45.3581, 46.2349



40.7310, 45.3581, 44.0065

Complementary

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



42.6361, 45.3581, 58.7324



46.7666, 48.4296, 43.9296

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.



41.9963, 45.3581, 41.5314



42.6361, 45.3581, 58.7324



45.0926, 45.3581, 42.7608

Square

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



42.6361, 45.3581, 58.7324



46.2618, 45.3581, 50.7665



43.5904, 45.3581, 41.0900



40.1076, 45.3581, 48.0332

Rectangle

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



42.6361, 45.3581, 58.7324



45.1942, 45.3581, 56.4061



43.5904, 45.3581, 41.0900



41.0938, 45.3581, 42.9763

Sweetspot

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



42.6374, 45.3600, 58.7334



89.6782, 94.6801, 108.1563



44.4295, 51.2216, 52.3092



18.9845, 20.0561, 23.1206



0.0000, 0.0000, 0.0000



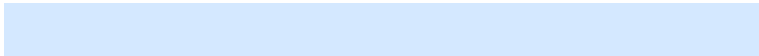
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6374, 45.3600, 58.7334



73.8955, 78.7550, 105.9143



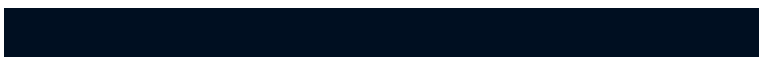
40.3151, 40.4193, 57.9022



9.9052, 10.5017, 12.7898



8.8914, 7.5393, 34.5432



0.4531, 0.4635, 1.5155

Inverse Universe

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



45.1091, 43.0782, 49.6556



79.2304, 73.9859, 86.2856



49.3315, 53.9188, 44.8539



10.2634, 10.1540, 11.4778



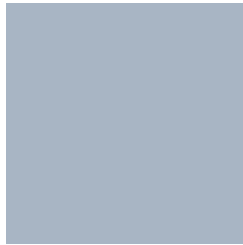
15.8839, 8.0433, 7.3008



0.7211, 0.3614, 0.4986

Previews

White Background



This preview shows how the XYZ color 42.6361, 45.3581, 58.7324 looks on a white background.

Color Contrast Check

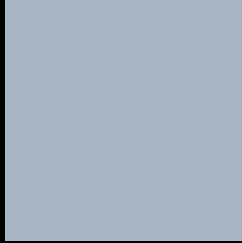
Large Text (above 18pt) WCAG AA × Fail

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 42.6361, 45.3581, 58.7324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

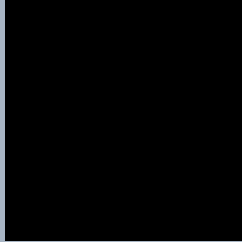
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6361, 45.3581, 58.7324

Background



This preview shows how black text looks on a background with the XYZ color 42.6361, 45.3581, 58.7324.

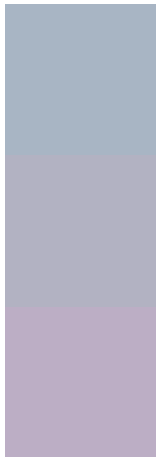


This preview shows how white text looks on a background with the XYZ color 42.6361, 45.3581,

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

42.6361, 45.3581, 58.7324

Protanopia

44.0181, 45.2008, 57.4436

Deuteranopia

45.9531, 44.9947, 59.0862



Tritanopia

42.5226, 45.3127, 58.1348

Trichromacy



Original Color

42.6361, 45.3581, 58.7324

Protanomaly

43.4260, 45.1790, 58.0614

Deuteranomaly

44.8562, 45.2993, 59.2028

Tritanomaly

42.5226, 45.3127, 58.1348

Monochromacy



Original Color

42.6361, 45.3581, 58.7324

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7574, 45.2593, 52.3813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6361, 45.3581, 58.7324 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(168, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(168, 181, 196)  
}
```

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(168, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 181, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.6361, 45.3581, 58.7324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

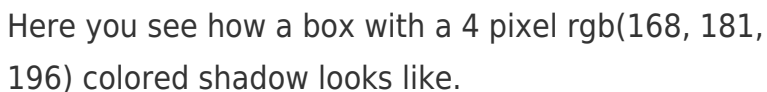
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 181, 196) }
```


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

```
.border{ border-color:rgb(168, 181, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 181, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 181, 196);  
box-shadow:4px 4px 4px 4px rgb(168, 181,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6361, 45.3581, 58.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 181, 196) }
```

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

```
.background{ background-color: rgb(168,  
181, 196) }
```

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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