

Converting Colors

XYZ(41.2579, 41.5724, 65.5243)

Have a look what the booklet for
XYZ(41.2579, 41.5724, 65.5243)
contains.

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Color

**XYZ(41.2579, 41.5724,
65.5243)**

Conversions

Conversions Part 1

Format	Color
Hex	A4ABD0
RGB	164, 171, 208
RGB Percent	64%, 67%, 82%
CMY	0.3569, 0.3294, 0.1843
CMYK	0.21, 0.18, 0.00, 0.18
HSL	230°, 32%, 73%
HSV	230°, 21%, 82%
XYZ	41.2579, 41.5724, 65.5243
YIQ	173.1250, -16.0490, 10.0230

Conversions

Conversions Part 2

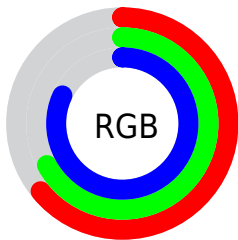
Format	Color
RYB	164, 170, 208
Decimal	10791888
CIELab	70.58, 5.41, -19.59
CIELCh	71, 20.321, 285.449
Yxy	41.5724, 0.2781, 0.2802
Android (android.graphics.Color)	4288981968 (0xFFA4ABD0)
YUV	173.1250, 17.1934, -8.0026
Hunter-Lab	64.4767, 1.3860, -15.1197

Details

The XYZ color **41.2579, 41.5724, 65.5243** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.6003, 57.8636, 43.4667**, and the grayscale version is **39.7062, 41.7740, 45.4919**.

A 20% lighter version of the original color is **74.4598, 76.6728, 105.4826**, and **19.1117, 18.9715, 33.2264** is the 20% darker color. If you saturate the color by 10%, you get **34.2235, 33.3628, 64.3111**, and if you desaturate by 10%, it is **49.4341, 51.0217, 66.9179**.

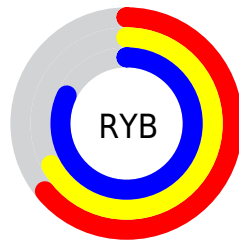
Distribution



Red (64%)

Green (67%)

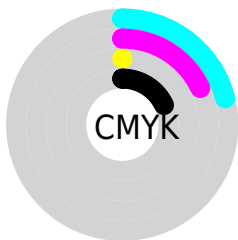
Blue (82%)



Red (64%)

Yellow (67%)

Blue (82%)

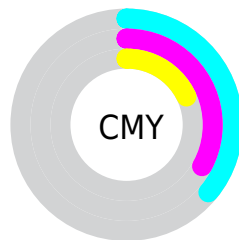


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (36%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2579, 41.5724, 65.5243 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 41.2579, 41.5724, 65.5243 by changing the saturation by 10% instead.

■ 41.2579, 41.5724,
65.5243

■ 41.2579, 41.5724,
65.5243

342.4416,
352.7073, 463.0314

■ 28.7092, 28.7666,
47.4323

■ 76.3475, 77.5521,
114.4238

■ 19.0041, 18.9043,
33.0207

■ 99.6191, 101.4947,
146.0684

■ 11.7773, 11.6012,
21.8711

127.1957,
129.9185, 183.0675

■ 6.6633, 6.4727,
13.5648

159.4427,
163.2077, 225.8398

■ 3.2969, 3.1346,
7.6833

196.7254,
201.7468, 274.8038

■ 1.3126, 1.2024,
3.8081

239.4092,

■ 0.1927, 0.0637,

245.9202, 330.3781

1.5207

287.8595,
296.1122, 392.9811

■ 0.0000, 0.0000,
0.2333

■ 0.0000, 0.0000,
0.0000

■ 41.2579, 41.5724,
65.5243

■ 41.2579, 41.5724,
65.5243

■ 34.2235, 33.3628,
64.3111

■ 49.4341, 51.0217,
66.9179

■ 28.2758, 26.3360,
63.2683

■ 58.7961, 61.7540,
68.4961

■ 23.3612, 20.4385,
62.3890

■ 69.3903, 73.8172,
70.2661

■ 19.4195, 15.6104,
61.6648

■ 81.2593, 87.2547,
72.2342

■ 16.3846, 11.7863,
61.0866

■ 88.3853, 97.3341,
73.8042

■ 14.1815, 8.8932,
60.6443

■ 12.7228, 6.8477,
60.3264

■ 11.9319, 5.6474,
60.1364

Harmonies

Analogous

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



37.9137, 41.5724, 65.6204



41.2579, 41.5724, 65.5243



44.2942, 41.5724, 59.5124

Triad

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



41.2579, 41.5724, 65.5243



44.2170, 41.5724, 33.3279



33.5889, 41.5724, 40.7778

Complementary

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



41.2579, 41.5724, 65.5243



53.6003, 57.8636, 43.4667

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.



35.0895, 41.5724, 33.4953



41.2579, 41.5724, 65.5243



41.1573, 41.5724, 29.6259

Square

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



41.2579, 41.5724, 65.5243



46.0674, 41.5724, 40.5171



37.8186, 41.5724, 29.6825



33.6124, 41.5724, 50.3706

Rectangle

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



41.2579, 41.5724, 65.5243



45.6804, 41.5724, 53.3891



37.8186, 41.5724, 29.6825



33.9279, 41.5724, 38.0104

Sweetspot

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



41.2592, 41.5741, 65.5252



85.6756, 89.2773, 107.3244



48.3700, 57.2065, 63.5464



18.1289, 18.8691, 22.9366



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.



41.2592, 41.5741, 65.5252



60.5775, 60.2863, 103.0514



43.1750, 40.6501, 65.2459



11.3135, 11.7172, 14.9090



7.4828, 3.6122, 37.4953



0.4672, 0.2996, 2.1128

Inverse Universe

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



46.6396, 42.9022, 44.3527



70.5145, 62.8664, 63.9199



51.3350, 59.1742, 43.8391



11.8844, 11.8385, 12.6669



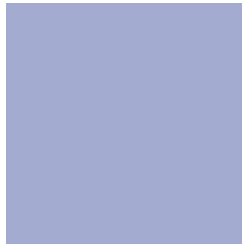
16.4077, 8.4359, 1.7872



0.9421, 0.4815, 0.2297

Previews

White Background



This preview shows how the XYZ color 41.2579, 41.5724, 65.5243 looks on a white background.

Color Contrast Check

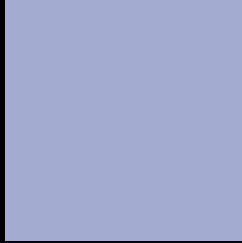
Large Text (above 18pt) WCAG AA × Fail

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 41.2579, 41.5724, 65.5243 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 41.2579, 41.5724, 65.5243

Background



This preview shows how black text looks on a background with the XYZ color 41.2579, 41.5724, 65.5243.



This preview shows how white text looks on a background with the XYZ color 41.2579, 41.5724,

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

41.2579, 41.5724, 65.5243

Protanopia

41.2579, 41.5724, 65.5243

Deuteranopia

42.3677, 41.5879, 65.4688



Tritanopia

38.7104, 41.3765, 53.5232

Trichromacy



Original Color

41.2579, 41.5724, 65.5243

Protanomaly

41.2579, 41.5724, 65.5243

Deuteranomaly

41.9083, 41.6283, 65.5008

Tritanomaly

39.4918, 41.4043, 57.5402

Monochromacy



Original Color

41.2579, 41.5724, 65.5243

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1930, 41.5963, 52.3649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2579, 41.5724, 65.5243 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(164, 171, 208)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 208)  
}
```

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(164, 171, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 208) }
```

Border

The CSS property to change the border of an element to XYZ 41.2579, 41.5724, 65.5243 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(164, 171, 208) }
```


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

```
.border{ border-color:rgb(164, 171, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 171, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 208);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2579, 41.5724, 65.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 208) }
```

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

```
.background{ background-color: rgb(164,  
171, 208) }
```

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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