

Converting Colors

XYZ(42.4958, 45.2064, 62.3638)

Have a look what the booklet for
XYZ(42.4958, 45.2064, 62.3638)
contains.

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Color

**XYZ(42.4944, 45.2045,
62.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B5CA
RGB	164, 181, 202
RGB Percent	64%, 71%, 79%
CMY	0.3569, 0.2902, 0.2078
CMYK	0.19, 0.10, 0.00, 0.21
HSL	213°, 26%, 72%
HSV	213°, 19%, 79%
XYZ	42.4944, 45.2045, 62.3628
YIQ	178.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

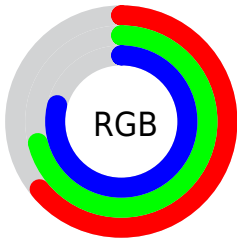
Format	Color
RYB	164, 176, 202
Decimal	10794442
CIELab	73.03, -1.41, -12.60
CIELCh	73, 12.678, 263.625
Yxy	45.2045, 0.2832, 0.3012
Android (android.graphics.Color)	4288984522 (0xFFA4B5CA)
YUV	178.3110, 11.6787, -12.5507
Hunter-Lab	67.2343, -4.8418, -7.9301

Details

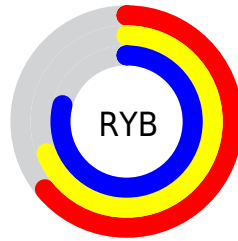
The XYZ color **42.4944, 45.2045, 62.3628** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4074, 49.9350, 42.2101**, and the grayscale version is **42.4291, 44.6387, 48.6116**.

A 20% lighter version of the original color is **77.5476, 82.8484, 106.5119**, and **19.7466, 21.0212, 31.0337** is the 20% darker color. If you saturate the color by 10%, you get **36.4729, 38.8659, 61.4574**, and if you desaturate by 10%, it is **49.3626, 52.2519, 63.3618**.

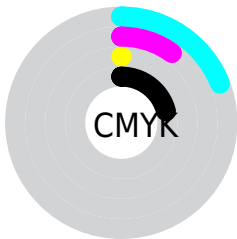
Distribution



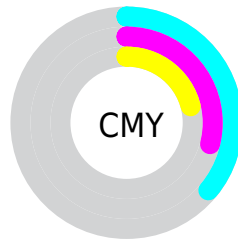
- Red (64%)
- Green (71%)
- Blue (79%)



- Red (64%)
- Yellow (69%)
- Blue (79%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (36%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4944, 45.2045, 62.3628 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 42.4944, 45.2045, 62.3628 by changing the saturation by 10% instead.

■ 42.4944, 45.2045,
62.3628

■ 42.4944, 45.2045,
62.3628

347.4852,
367.6012, 451.2974

■ 29.6814, 31.6185,
44.8882

■ 78.2078, 83.0272,
109.8264

■ 19.7438, 21.0703,
31.0271

■ 101.8389,
108.0327, 140.6525

■ 12.3161, 13.1754,
20.3608

129.8068,
137.6136, 176.7662

■ 7.0331, 7.5494,
12.4709

162.4769,
172.1541, 218.5860

■ 3.5293, 3.8080,
6.9388

200.2144,
212.0387, 266.5305

■ 1.4395, 1.5668,
3.3460

243.3847,

■ 0.2841, 0.3350,

257.6519, 321.0182

1.2739

292.3532,
309.3779, 382.4676

■ 0.0000, 0.0000,
0.0403

■ 0.0000, 0.0000,
0.0000

■ 42.4944, 45.2045,
62.3628

■ 42.4944, 45.2045,
62.3628

■ 36.4729, 38.8659,
61.4574

■ 49.3626, 52.2519,
63.3618

■ 31.2587, 33.2060,
60.6398

■ 57.1067, 60.0257,
64.4542

■ 26.8149, 28.2004,
59.9078

■ 65.7593, 68.5498,
65.6434

■ 23.1002, 23.8210,
59.2583

■ 75.3502, 77.8453,
66.9321

■ 20.0689, 20.0372,
58.6877

■ 82.1314, 85.9855,
68.1460

■ 17.6695, 16.8152,
58.1923

■ 85.4611, 92.6449,
69.2559

■ 15.8423, 14.1161,
57.7676

■ 87.6608, 97.0443,
69.9891

■ 14.4926, 11.8833,
57.4078

■ 14.3491, 11.6408,
57.3685

Harmonies

Analogous

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



40.4891, 45.2045, 59.7072



42.4944, 45.2045, 62.3628



44.6948, 45.2045, 61.2608

Triad

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



42.4944, 45.2045, 62.3628



46.9864, 45.2045, 44.4925



39.6272, 45.2045, 42.3354

Complementary

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



42.4944, 45.2045, 62.3628



48.4074, 49.9350, 42.2101

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.



41.2814, 45.2045, 38.8704



42.4944, 45.2045, 62.3628



45.5409, 45.2045, 40.0389

Square

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



42.4944, 45.2045, 62.3628



47.3382, 45.2045, 50.5867



43.4401, 45.2045, 38.0671



38.8708, 45.2045, 47.8782

Rectangle

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



42.4944, 45.2045, 62.3628



45.9711, 45.2045, 58.5868



43.4401, 45.2045, 38.0671



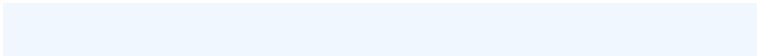
40.0939, 45.2045, 40.9089

Sweetspot

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



42.4958, 45.2064, 62.3638



87.0054, 91.9367, 107.7676



45.1777, 53.6330, 53.8156



18.4425, 19.4963, 23.0411



0.0000, 0.0000, 0.0000



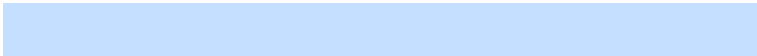
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4958, 45.2064, 62.3638



67.1847, 71.5599, 104.8792



39.6421, 38.9125, 61.2994



11.0081, 11.6566, 14.2401



9.3195, 7.6629, 36.9442



0.5561, 0.5460, 1.9310

Inverse Universe

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



45.9742, 42.4448, 49.4876



74.3232, 66.2036, 78.3847



51.6683, 57.2154, 43.4435



11.4174, 11.2957, 12.7328



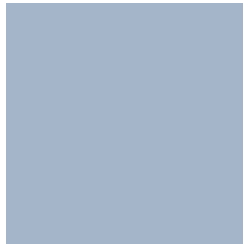
16.9149, 8.5766, 7.2708



0.9106, 0.4577, 0.5753

Previews

White Background



This preview shows how the XYZ color 42.4944, 45.2045, 62.3628 looks on a white background.

Color Contrast Check

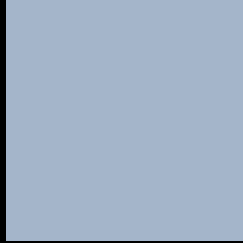
Large Text (above 18pt) WCAG AA × Fail

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 42.4944, 45.2045, 62.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

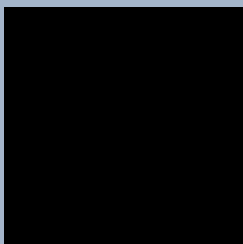
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

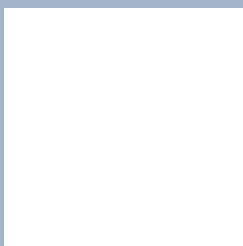
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4944, 45.2045, 62.3628

Background



This preview shows how black text looks on a background with the XYZ color 42.4944, 45.2045, 62.3628.



This preview shows how white text looks on a background with the XYZ color 42.4944, 45.2045,

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

42.4944, 45.2045, 62.3628

Protanopia

44.2502, 45.2410, 61.0437

Deuteranopia

45.9231, 44.8982, 62.7457



Tritanopia

41.7960, 45.2279, 58.7515

Trichromacy



Original Color

42.4944, 45.2045, 62.3628

Protanomaly

43.6760, 45.2279, 61.6862

Deuteranomaly

44.6331, 45.1032, 62.8533

Tritanomaly

42.0252, 45.3196, 59.9587

Monochromacy



Original Color

42.4944, 45.2045, 62.3628

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.3233, 44.7123, 53.4134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4944, 45.2045, 62.3628 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, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(164, 181, 202)  
}
```

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, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 181, 202) }
```

Border

The CSS property to change the border of an element to XYZ 42.4944, 45.2045, 62.3628 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, 181, 202) }
```


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

```
.border{ border-color:rgb(164, 181, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 181, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 181, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 181, 202);  
box-shadow:4px 4px 4px 4px rgb(164, 181,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4944, 45.2045, 62.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 181, 202) }
```

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

```
.background{ background-color: rgb(164,  
181, 202) }
```

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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