

Converting Colors

XYZ(42.2326, 45.1616, 44.5215)

Have a look what the booklet for
XYZ(42.2326, 45.1616, 44.5215)
contains.

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Color

**XYZ(42.1674, 45.1285,
44.5184)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B4AA
RGB	179, 180, 170
RGB Percent	70%, 71%, 67%
CMY	0.2980, 0.2941, 0.3333
CMYK	0.01, 0.00, 0.06, 0.29
HSL	66°, 6%, 69%
HSV	66°, 6%, 71%
XYZ	42.1674, 45.1285, 44.5184
YIQ	178.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

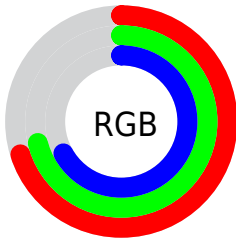
Format	Color
RYB	170, 180, 171
Decimal	11777194
CIELab	72.98, -2.18, 4.97
CIELCh	73, 5.421, 113.661
Yxy	45.1285, 0.3199, 0.3424
Android (android.graphics.Color)	4289967274 (0xFFB3B4AA)
YUV	178.5610, -4.2206, 0.3850
Hunter-Lab	67.1777, -5.5168, 7.7332

Details

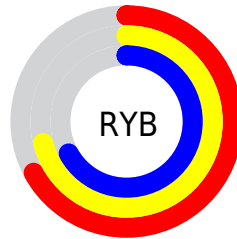
The XYZ color **42.1674, 45.1285, 44.5184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.4092, 40.7038, 48.9619**, and the grayscale version is **42.6360, 44.8564, 48.8487**.

A 20% lighter version of the original color is **77.8470, 83.0893, 83.1690**, and **19.4636, 20.9224, 20.1521** is the 20% darker color. If you saturate the color by 10%, you get **40.1659, 44.2815, 36.1363**, and if you desaturate by 10%, it is **44.4101, 46.0756, 54.1307**.

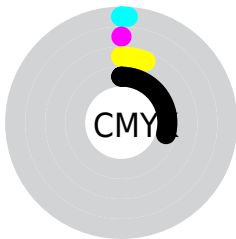
Distribution



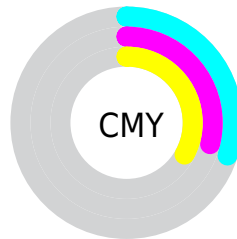
- Red (70%)
- Green (71%)
- Blue (67%)



- Red (67%)
- Yellow (71%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1674, 45.1285, 44.5184 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 42.1674, 45.1285, 44.5184 by changing the saturation by 10% instead.

■ 42.1674, 45.1285,
44.5184

■ 42.1674, 45.1285,
44.5184

346.1562,
367.2937, 380.9226

■ 29.4241, 31.5587,
30.7381

■ 77.7165, 82.9132,
83.3080

■ 19.5478, 21.0246,
20.1427

101.2530,
107.8969, 109.1544

■ 12.1731, 13.1420,
12.3137

129.1179,
137.4539, 139.8599

■ 6.9347, 7.5264,
6.8326

161.6766,
171.9687, 175.8430

■ 3.4673, 3.7934,
3.2808

199.2944,
211.8257, 217.5223

■ 1.4054, 1.5587,
1.2397

242.3367,

■ 0.2601, 0.3295,

257.4093, 265.3163

0.0116

291.1689,
309.1038, 319.6436

■ 0.0000, 0.0000,
0.0000

■ 42.1674, 45.1285,
44.5184

■ 42.1674, 45.1285,
44.5184

■ 40.1659, 44.2815,
36.1363

■ 44.4101, 46.0756,
54.1307

■ 38.3923, 43.5248,
28.9320

■ 46.8991, 47.1203,
65.0172

■ 36.8380, 42.8564,
22.8535

■ 49.6441, 48.2681,
77.2230

■ 35.4919, 42.2720,
17.8439

■ 52.6532, 49.5221,
90.7904

■ 34.3424, 41.7668,
13.8410

■ 55.1178, 50.5590,
101.4616

■ 33.3764, 41.3356,
10.7767

■ 55.5654, 50.7898,
101.4825

■ 32.5794, 40.9727,
8.5741

■ 56.0185, 51.0234,
101.5037

■ 31.9343, 40.6711,
7.1443

■ 56.4773, 51.2599,
101.5252

■ 31.4202, 40.4225,
6.3760

■ 56.9417, 51.4993,
101.5470

Harmonies

Analogous

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



43.0944, 45.1285, 44.1393



42.1674, 45.1285, 44.5184



41.4446, 45.1285, 46.1144

Triad

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



42.1674, 45.1285, 44.5184



41.8244, 45.1285, 53.4543



44.7267, 45.1285, 49.7147

Complementary

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



42.1674, 45.1285, 44.5184



39.4092, 40.7038, 48.9619

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.



44.3753, 45.1285, 52.2894



42.1674, 45.1285, 44.5184



42.6928, 45.1285, 54.4990

Square

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



42.1674, 45.1285, 44.5184



41.2486, 45.1285, 51.2578



43.6275, 45.1285, 54.0650



44.5811, 45.1285, 47.0761

Rectangle

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



42.1674, 45.1285, 44.5184



41.1713, 45.1285, 47.6862



43.6275, 45.1285, 54.0650



44.6626, 45.1285, 50.6175

Sweetspot

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



42.1687, 45.1305, 44.5194



77.8382, 82.4102, 86.5994



40.6424, 41.7326, 43.9440



16.8330, 17.8157, 18.7574



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



42.1687, 45.1305, 44.5194



75.8611, 81.5749, 78.1991



41.0341, 44.5456, 44.4663



9.1956, 9.8982, 9.4305



21.8158, 28.1565, 4.2849



0.7105, 0.8983, 0.1359

Inverse Universe

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



39.4092, 40.7038, 48.9619



69.5174, 71.3986, 88.4119



40.5188, 41.2759, 49.0138



8.3912, 8.6078, 10.7255



5.9524, 2.4044, 30.2874



0.2129, 0.0889, 0.9542

Previews

White Background



This preview shows how the XYZ color 42.1674, 45.1285, 44.5184 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 42.1674, 45.1285, 44.5184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

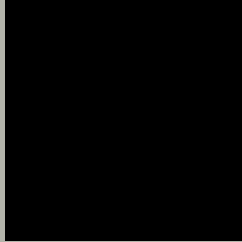
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

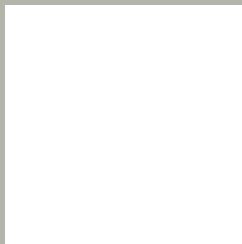
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1674, 45.1285, 44.5184

Background



This preview shows how black text looks on a background with the XYZ color 42.1674, 45.1285, 44.5184.



This preview shows how white text looks on a background with the XYZ color 42.1674, 45.1285,

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

42.1674, 45.1285, 44.5184

Protanopia

43.0894, 45.0196, 43.9547

Deuteranopia

45.8474, 44.9695, 44.7916



Tritanopia

44.4175, 45.1510, 55.6642

Trichromacy



Original Color

42.1674, 45.1285, 44.5184

Protanomaly

42.8100, 45.1721, 43.9989

Deuteranomaly

44.6142, 45.1974, 44.9006

Tritanomaly

43.5237, 45.0834, 51.2078

Monochromacy



Original Color

42.1674, 45.1285, 44.5184

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5470, 44.9585, 47.5097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1674, 45.1285, 44.5184 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, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 170)  
}
```

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, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.1674, 45.1285, 44.5184 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, 180, 170) }
```


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

```
.border{ border-color:rgb(179, 180, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 180,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1674, 45.1285, 44.5184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 170) }
```

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

```
.background{ background-color: rgb(179,  
180, 170) }
```

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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