

Converting Colors

XYZ(41.9563, 44.5797, 44.3012)

Have a look what the booklet for
XYZ(41.9563, 44.5797, 44.3012)
contains.

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Color

**XYZ(41.9662, 44.7262,
44.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B3AA
RGB	179, 179, 170
RGB Percent	70%, 70%, 67%
CMY	0.2980, 0.2980, 0.3333
CMYK	0.00, 0.00, 0.05, 0.30
HSL	60°, 6%, 68%
HSV	60°, 5%, 70%
XYZ	41.9662, 44.7262, 44.4514
YIQ	177.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

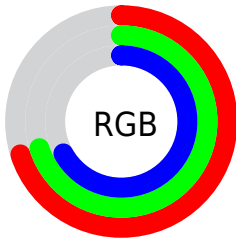
Format	Color
RYB	170, 179, 170
Decimal	11776938
CIELab	72.71, -1.64, 4.58
CIELCh	73, 4.868, 109.692
Yxy	44.7262, 0.3200, 0.3410
Android (android.graphics.Color)	4289967018 (0xFFB3B3AA)
YUV	177.9740, -3.9312, 0.8998
Hunter-Lab	66.8776, -5.0259, 7.4062

Details

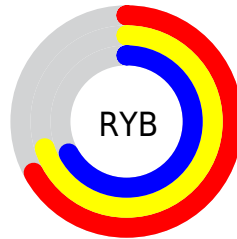
The XYZ color **41.9662, 44.7262, 44.4514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.0908, 40.5514, 48.4171**, and the grayscale version is **42.3233, 44.5274, 48.4903**.

A 20% lighter version of the original color is **77.5599, 82.5151, 83.0733**, and **19.3351, 20.6653, 20.1093** is the 20% darker color. If you saturate the color by 10%, you get **40.3857, 44.0953, 36.1318**, and if you desaturate by 10%, it is **43.7798, 45.4533, 53.9874**.

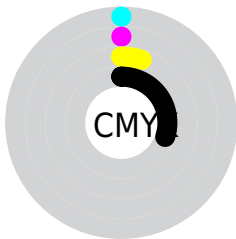
Distribution



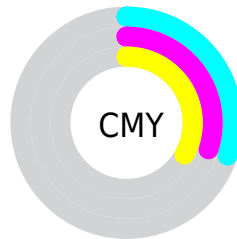
- Red (70%)
- Green (70%)
- Blue (67%)



- Red (67%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9662, 44.7262, 44.4514 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 41.9662, 44.7262, 44.4514 by changing the saturation by 10% instead.

■ 41.9662, 44.7262,
44.4514

■ 41.9662, 44.7262,
44.4514

345.3368,
365.6635, 380.6423

■ 29.2658, 31.2418,
30.6857

■ 77.4140, 82.3094,
83.2063

■ 19.4273, 20.7831,
20.1032

100.8920,
107.1770, 109.0326

■ 12.0853, 12.9655,
12.2853

128.6934,
136.6078, 139.7161

■ 6.8744, 7.4048,
6.8134

161.1834,
170.9862, 175.6755

■ 3.4293, 3.7165,
3.2690

198.7274,
210.6966, 217.3293

■ 1.3846, 1.5163,
1.2336

241.6907,

■ 0.2452, 0.3002,

256.1233, 265.0960

0.0064

290.4387,
307.6508, 319.3941

■ 0.0000, 0.0000,
0.0000

■ 41.9662, 44.7262,
44.4514

■ 41.9662, 44.7262,
44.4514

■ 40.3857, 44.0953,
36.1318

■ 43.7798, 45.4533,
53.9874

■ 39.0254, 43.5509,
28.9770

■ 45.8315, 46.2741,
64.7829

■ 37.8766, 43.0912,
22.9358

■ 48.1308, 47.1940,
76.8824

■ 36.9286, 42.7118,
17.9523

■ 50.6856, 48.2162,
90.3275

■ 36.1699, 42.4082,
13.9657

■ 52.7698, 49.0500,
101.2941

■ 35.5878, 42.1751,
10.9090

■ 52.7715, 49.0509,
101.2942

■ 35.1680, 42.0070,
8.7069

■ 52.7731, 49.0517,
101.2942

■ 34.8940, 41.8972,
7.2726

■ 52.7748, 49.0526,
101.2943

■ 34.7456, 41.8377,
6.4997

■ 52.7764, 49.0534,
101.2944

Harmonies

Analogous

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



42.8021, 44.7262, 44.2664



41.9662, 44.7262, 44.4514



41.2848, 44.7262, 45.7529

Triad

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



41.9662, 44.7262, 44.4514



41.4693, 44.7262, 52.3316



44.1283, 44.7262, 49.5360

Complementary

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



41.9662, 44.7262, 44.4514



39.0908, 40.5514, 48.4171

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.



43.7610, 44.7262, 51.7694



41.9662, 44.7262, 44.4514



42.2211, 44.7262, 53.4185

Square

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



41.9662, 44.7262, 44.4514



41.0006, 44.7262, 50.2828



43.0603, 44.7262, 53.2094



44.0579, 44.7262, 47.1492

Rectangle

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



41.9662, 44.7262, 44.4514



41.0064, 44.7262, 47.1032



43.0603, 44.7262, 53.2094



44.0517, 44.7262, 50.3309

Sweetspot

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



41.9674, 44.7281, 44.4524



76.0867, 80.4739, 84.4922



40.2223, 41.2365, 43.8704



16.8645, 17.8320, 18.7588



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.



41.9674, 44.7281, 44.4524



74.8354, 79.9732, 77.9090



40.9447, 44.2009, 44.4045



9.2983, 9.9471, 9.6140



24.5166, 29.5489, 4.4113



0.7715, 0.9298, 0.1388

Inverse Universe

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



39.0908, 40.5514, 48.4171



68.6300, 70.9636, 86.4613



40.0799, 41.0614, 48.4634



8.4749, 8.7516, 10.7489



5.7505, 2.3003, 30.2779



0.1810, 0.0724, 0.9527

Previews

White Background



This preview shows how the XYZ color 41.9662, 44.7262, 44.4514 looks on a white background.

Color Contrast Check

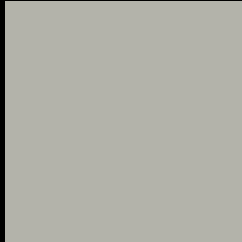
Large Text (above 18pt) WCAG AA × Fail

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 41.9662, 44.7262, 44.4514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

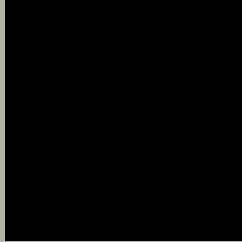
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

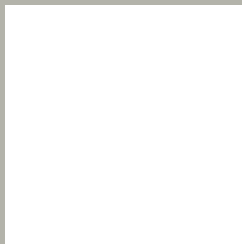
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9662, 44.7262, 44.4514

Background



This preview shows how black text looks on a background with the XYZ color 41.9662, 44.7262, 44.4514.



This preview shows how white text looks on a background with the XYZ color 41.9662, 44.7262,

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

41.9662, 44.7262, 44.4514

Protanopia

42.8490, 44.8957, 43.9435

Deuteranopia

45.3919, 44.4511, 44.7156



Tritanopia

44.1110, 44.7135, 55.0209

Trichromacy



Original Color

41.9662, 44.7262, 44.4514

Protanomaly

42.3732, 44.6504, 43.9212

Deuteranomaly

44.1665, 44.6766, 44.8237

Tritanomaly

43.3254, 44.6869, 51.1417

Monochromacy



Original Color

41.9662, 44.7262, 44.4514

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.0184, 44.4009, 46.9131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9662, 44.7262, 44.4514 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, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 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, 179, 170) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 41.9662, 44.7262, 44.4514 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, 179, 170) }
```


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

```
.border{ border-color:rgb(179, 179, 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, 179, 170)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 41.9662, 44.7262, 44.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(179,  
179, 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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