

Converting Colors

XYZ(42.6878, 44.6161, 52.8162)

Have a look what the booklet for
XYZ(42.6878, 44.6161, 52.8162)
contains.

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Color

**XYZ(42.6878, 44.6161,
52.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B2BA
RGB	176, 178, 186
RGB Percent	69%, 70%, 73%
CMY	0.3098, 0.3019, 0.2706
CMYK	0.05, 0.04, 0.00, 0.27
HSL	228°, 7%, 71%
HSV	228°, 5%, 73%
XYZ	42.6878, 44.6161, 52.8162
YIQ	178.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

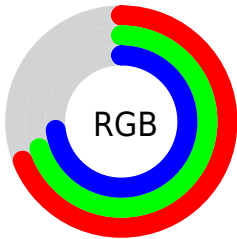
Format	Color
RYB	176, 178, 186
Decimal	11580090
CIELab	72.64, 0.84, -4.32
CIELCh	73, 4.401, 281.051
Yxy	44.6161, 0.3047, 0.3184
Android (android.graphics.Color)	4289770170 (0xFFB0B2BA)
YUV	178.3140, 3.7892, -2.0294
Hunter-Lab	66.7953, -2.8152, -0.1249

Details

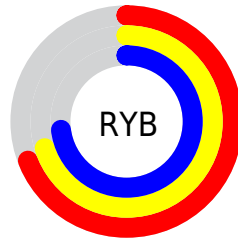
The XYZ color **42.6878, 44.6161, 52.8162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2267, 47.8540, 47.9280**, and the grayscale version is **42.4662, 44.6778, 48.6541**.

A 20% lighter version of the original color is **78.7285, 82.4122, 95.7621**, and **19.8794, 20.6458, 25.1276** is the 20% darker color. If you saturate the color by 10%, you get **35.9664, 36.9943, 51.7000**, and if you desaturate by 10%, it is **50.3090, 53.1806, 54.0683**.

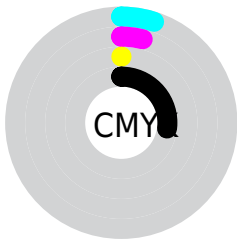
Distribution



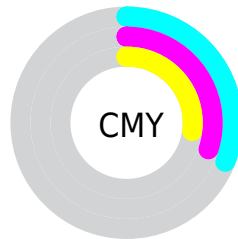
- Red (69%)
- Green (70%)
- Blue (73%)



- Red (69%)
- Yellow (70%)
- Blue (73%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6878, 44.6161, 52.8162 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 42.6878, 44.6161, 52.8162 by changing the saturation by 10% instead.

■ 42.6878, 44.6161,
52.8162

■ 42.6878, 44.6161,
52.8162

348.2696,
365.2165, 414.6258

■ 29.8337, 31.1552,
37.2693

■ 78.4982, 82.1440,
95.7727

■ 19.8598, 20.7170,
25.1187

102.1852,
106.9798, 124.0193

■ 12.4009, 12.9173,
15.9457

130.2138,
136.3760, 157.3364

■ 7.0914, 7.3716,
9.3318

162.9495,
170.7169, 196.1423

■ 3.5662, 3.6956,
4.8585

200.7576,
210.3871, 240.8557

■ 1.4598, 1.5048,
2.1072

244.0034,

■ 0.2982, 0.2921,

255.7708, 291.8950

0.6200

293.0522,
307.2525, 349.6789

■ 0.0000, 0.0000,
0.0000

■ 42.6878, 44.6161,
52.8162

■ 42.6878, 44.6161,
52.8162

■ 35.9664, 36.9943,
51.7000

■ 50.3090, 53.1806,
54.0683

■ 30.1074, 30.2772,
50.7123

■ 58.8578, 62.7129,
55.4577

■ 25.0765, 24.4324,
49.8492

■ 68.3656, 73.2442,
56.9893

■ 20.8357, 19.4234,
49.1059

■ 78.8611, 84.8027,
58.6671

■ 17.3438, 15.2111,
48.4769

■ 85.0316, 94.6623,
60.2450

■ 14.5559, 11.7533,
47.9564

■ 85.8630, 96.3252,
60.5222

■ 12.4219, 9.0036,
47.5382

■ 10.8848, 6.9099,
47.2151

■ 9.8764, 5.4122,
46.9791

Harmonies

Analogous

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



41.9321, 44.6161, 52.6582



42.6878, 44.6161, 52.8162



43.3760, 44.6161, 51.8138

Triad

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



42.6878, 44.6161, 52.8162



43.5211, 44.6161, 45.8748



41.0352, 44.6161, 47.2291

Complementary

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



42.6878, 44.6161, 52.8162



45.2267, 47.8540, 47.9280

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.



41.4511, 44.6161, 45.4824



42.6878, 44.6161, 52.8162



42.8839, 44.6161, 44.7168

Square

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



42.6878, 44.6161, 52.8162



43.8609, 44.6161, 47.7793



42.1260, 44.6161, 44.5754



40.9841, 44.6161, 49.3883

Rectangle

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



42.6878, 44.6161, 52.8162



43.7016, 44.6161, 50.6394



42.1260, 44.6161, 44.5754



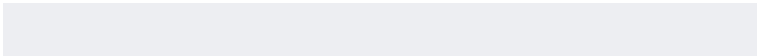
41.1367, 44.6161, 46.5760

Sweetspot

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



42.6891, 44.6180, 52.8172



81.8090, 85.8681, 96.4638



44.0983, 47.8023, 52.1590



18.0466, 18.9443, 21.2480



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.6891, 44.6180, 52.8172



76.4406, 79.8162, 95.5786



42.9408, 44.1604, 52.7156



9.0842, 9.4797, 11.4304



6.4568, 3.3734, 31.5639



0.2712, 0.2061, 1.1272

Inverse Universe

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



43.8119, 44.7049, 48.4416



78.7400, 80.0001, 86.6166



44.9641, 48.3408, 48.0358



9.3782, 9.5037, 10.2845



13.8728, 7.1229, 1.9510



0.5110, 0.2599, 0.1846

Previews

White Background



This preview shows how the XYZ color 42.6878, 44.6161, 52.8162 looks on a white background.

Color Contrast Check

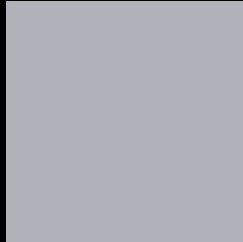
Large Text (above 18pt) WCAG AA × Fail

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 42.6878, 44.6161, 52.8162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

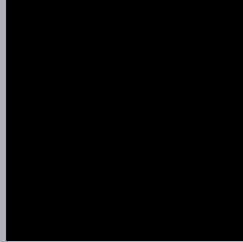
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6878, 44.6161, 52.8162

Background



This preview shows how black text looks on a background with the XYZ color 42.6878, 44.6161, 52.8162.

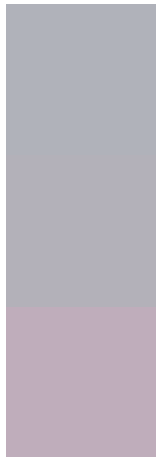


This preview shows how white text looks on a background with the XYZ color 42.6878, 44.6161,

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

42.6878, 44.6161, 52.8162

Protanopia

43.0695, 44.5308, 52.2242

Deuteranopia

45.3991, 44.5514, 53.2202



Tritanopia

43.2576, 44.5530, 55.6099

Trichromacy



Original Color

42.6878, 44.6161, 52.8162

Protanomaly

42.8392, 44.4120, 52.2135

Deuteranomaly

44.5493, 44.6869, 53.2911

Tritanomaly

43.0389, 44.4655, 54.4584

Monochromacy



Original Color

42.6878, 44.6161, 52.8162

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.3923, 44.5241, 50.0758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6878, 44.6161, 52.8162 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(176, 178, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 178, 186)  
}
```

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(176, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.6878, 44.6161, 52.8162 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(176, 178, 186) }
```


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

```
.border{ border-color:rgb(176, 178, 186) }
```

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

Here you see how a box with a 4 pixel rgb(176, 178, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 178,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6878, 44.6161, 52.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 178, 186) }
```

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

```
.background{ background-color: rgb(176,  
178, 186) }
```

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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