

Converting Colors

XYZ(41.2635, 42.8292, 44.1922)

Have a look what the booklet for
XYZ(41.2635, 42.8292, 44.1922)
contains.

XYZ(41.2141, 42.8777, 44.1342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.2141, 42.8777,
44.1342)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AEAA
RGB	180, 174, 170
RGB Percent	71%, 68%, 67%
CMY	0.2941, 0.3176, 0.3333
CMYK	0.00, 0.03, 0.06, 0.29
HSL	24°, 6%, 69%
HSV	24°, 6%, 71%
XYZ	41.2141, 42.8777, 44.1342
YIQ	175.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

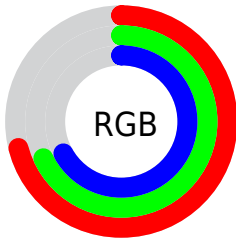
Format	Color
RYB	180, 177, 170
Decimal	11841194
CIELab	71.47, 1.41, 2.80
CIElCh	71, 3.137, 63.211
Yxy	42.8777, 0.3214, 0.3344
Android (android.graphics.Color)	4290031274 (0xFFB4AEAA)
YUV	175.3380, -2.6316, 4.0886
Hunter-Lab	65.4811, -2.2431, 5.8753

Details

The XYZ color **41.2141, 42.8777, 44.1342** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3409, 42.8912, 49.3330**, and the grayscale version is **40.9351, 43.0669, 46.8999**.

A 20% lighter version of the original color is **76.2020, 79.3077, 82.5258**, and **18.9819, 19.7391, 19.9491** is the 20% darker color. If you saturate the color by 10%, you get **37.6248, 38.2397, 35.1042**, and if you desaturate by 10%, it is **45.2066, 47.9478, 54.4499**.

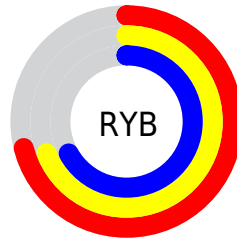
Distribution



Red (71%)

Green (68%)

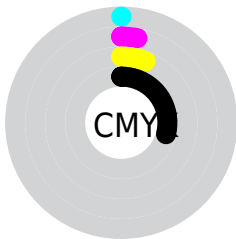
Blue (67%)



Red (71%)

Yellow (69%)

Blue (67%)

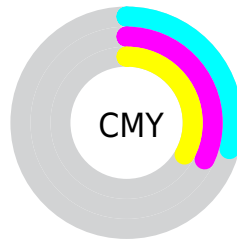


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2141, 42.8777, 44.1342 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 41.2141, 42.8777, 44.1342 by changing the saturation by 10% instead.

■ 41.2141, 42.8777,
44.1342

■ 41.2141, 42.8777,
44.1342

342.2620,
358.1086, 379.3130

■ 28.6748, 29.7892,
30.4381

■ 76.2815, 79.5263,
82.7243

■ 18.9780, 19.6786,
19.9165

99.5402, 103.8551,
108.4553

■ 11.7583, 12.1616,
12.1509

127.1029,
132.6995, 139.0350

■ 6.6503, 6.8539,
6.7227

159.3348,
166.4438, 174.8819

■ 3.2888, 3.3709,
3.2135

196.6013,
205.4725, 216.4147

■ 1.3083, 1.3283,
1.2047

239.2678,

■ 0.1894, 0.1629,

250.1699, 264.0517

0.0000

287.6995,
300.9205, 318.2117

■ 0.0000, 0.0000,
0.0000

■ 41.2141, 42.8777,
44.1342

■ 41.2141, 42.8777,
44.1342

■ 37.6248, 38.2397,
35.1042

■ 45.2066, 47.9478,
54.4499

■ 34.4218, 34.0168,
27.3063

■ 49.6113, 53.4557,
66.0966

■ 31.5921, 30.1985,
20.6871

■ 54.4416, 59.4138,
79.1207

■ 29.1206, 26.7721,
15.1882

■ 59.7089, 65.8325,
93.5655

■ 26.9914, 23.7242,
10.7462

■ 64.6086, 72.3954,
105.1762

■ 25.1866, 21.0402,
7.2912

■ 67.6708, 78.5199,
106.1970

■ 23.6870, 18.7048,
4.7449

■ 70.9218, 85.0218,
107.2806

■ 22.4705, 16.7009,
3.0166

■ 72.6326, 88.4434,
107.8509

■ 21.5106, 15.0093,
1.9931

Harmonies

Analogous

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



41.6109, 42.8777, 45.1091



41.2141, 42.8777, 44.1342



40.6970, 42.8777, 43.8381

Triad

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



41.2141, 42.8777, 44.1342



39.7469, 42.8777, 46.8499



41.3136, 42.8777, 49.1663

Complementary

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



41.2141, 42.8777, 44.1342



40.3409, 42.8912, 49.3330

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.



40.8110, 42.8777, 49.6557



41.2141, 42.8777, 44.1342



39.9089, 42.8777, 48.3003

Square

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



41.2141, 42.8777, 44.1342



39.8527, 42.8777, 45.3859



40.2973, 42.8777, 49.3354



41.6687, 42.8777, 48.0117

Rectangle

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



41.2141, 42.8777, 44.1342



40.3544, 42.8777, 44.0602



40.2973, 42.8777, 49.3354



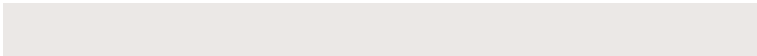
41.1562, 42.8777, 49.4152

Sweetspot

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



41.2153, 42.8796, 44.1351



77.1956, 80.8952, 86.3409



41.0341, 41.5879, 46.9393



16.7015, 17.5056, 18.7044



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.



41.2153, 42.8796, 44.1351



73.6656, 76.3822, 77.3125



42.1986, 44.8462, 44.4629



8.9171, 9.2392, 9.3180



14.8192, 10.1369, 1.1756



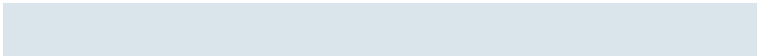
0.5242, 0.4347, 0.0563

Inverse Universe

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



40.3409, 42.8912, 49.3330



71.6548, 76.4087, 89.2664



39.3793, 40.9678, 49.0125



8.6621, 9.2425, 10.8338



9.5550, 9.9103, 31.5463



0.3559, 0.4223, 1.0110

Previews

White Background



This preview shows how the XYZ color 41.2141, 42.8777, 44.1342 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 41.2141, 42.8777, 44.1342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

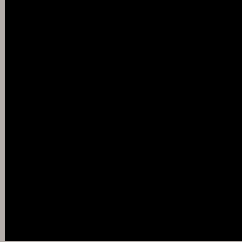
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

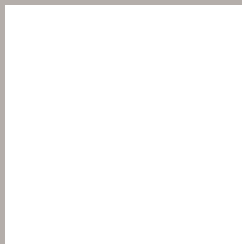
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2141, 42.8777, 44.1342

Background



This preview shows how black text looks on a background with the XYZ color 41.2141, 42.8777, 44.1342.



This preview shows how white text looks on a background with the XYZ color 41.2141, 42.8777,

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

41.2141, 42.8777, 44.1342

Protanopia

40.9822, 42.7581, 44.1234

Deuteranopia

43.5310, 42.6537, 44.4667



Tritanopia

42.8009, 42.9529, 51.9338

Trichromacy



Original Color

41.2141, 42.8777, 44.1342

Protanomaly

40.9822, 42.7581, 44.1234

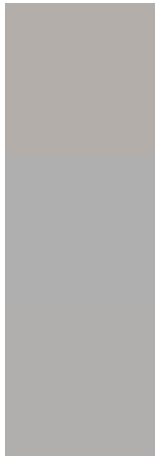
Deuteranomaly

42.6526, 42.7575, 44.5331

Tritanomaly

42.2378, 43.0062, 49.2549

Monochromacy



Original Color

41.2141, 42.8777, 44.1342

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0043, 43.0242, 45.6785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2141, 42.8777, 44.1342 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(180, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 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(180, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 41.2141, 42.8777, 44.1342 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(180, 174, 170) }
```


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

```
.border{ border-color:rgb(180, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2141, 42.8777, 44.1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 170) }
```

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

```
.background{ background-color: rgb(180,  
174, 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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