

Converting Colors

XYZ(42.8864, 45.2410, 48.3699)

Have a look what the booklet for
XYZ(42.8864, 45.2410, 48.3699)
contains.

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Color

**XYZ(42.7464, 45.0383,
48.5598)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B3B2
RGB	179, 179, 178
RGB Percent	70%, 70%, 70%
CMY	0.2980, 0.2980, 0.3020
CMYK	0.00, 0.00, 0.01, 0.30
HSL	60°, 1%, 70%
HSV	60°, 1%, 70%
XYZ	42.7464, 45.0383, 48.5598
YIQ	178.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

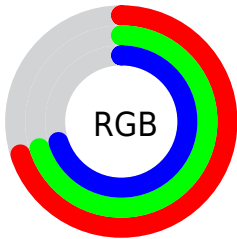
Format	Color
RYB	178, 179, 178
Decimal	11776946
CIELab	72.92, -0.18, 0.50
CIELCh	73, 0.533, 110.023
Yxy	45.0383, 0.3135, 0.3303
Android (android.graphics.Color)	4289967026 (0xFFB3B3B2)
YUV	178.8860, -0.4368, 0.1000
Hunter-Lab	67.1106, -3.7471, 4.0764

Details

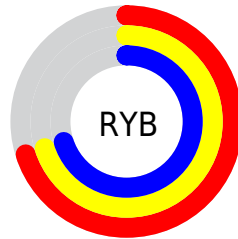
The XYZ color **42.7464, 45.0383, 48.5598** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4190, 44.5617, 49.0158**, and the grayscale version is **42.7903, 45.0187, 49.0254**.

A 20% lighter version of the original color is **78.8206, 83.0193, 89.7119**, and **19.7667, 20.8380, 22.3824** is the 20% darker color. If you saturate the color by 10%, you get **41.0517, 44.3602, 39.7027**, and if you desaturate by 10%, it is **44.6782, 45.8141, 58.6542**.

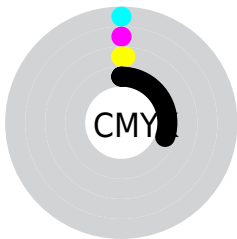
Distribution



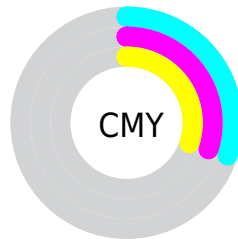
- Red (70%)
- Green (70%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7464, 45.0383, 48.5598 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 42.7464, 45.0383, 48.5598 by changing the saturation by 10% instead.

■ 42.7464, 45.0383,
48.5598

■ 42.7464, 45.0383,
48.5598

348.5070,
366.9287, 397.5793

■ 29.8798, 31.4876,
33.9073

■ 78.5861, 82.7779,
89.4115

■ 19.8950, 20.9704,
22.5456

102.2900,
107.7355, 116.4478

■ 12.4266, 13.1024,
14.0562

130.3371,
137.2643, 148.4491

■ 7.1092, 7.4991,
8.0206

163.0926,
171.7486, 185.8339

■ 3.5774, 3.7761,
4.0201

200.9220,
211.5728, 229.0208

■ 1.4659, 1.5491,
1.6364

244.1907,

■ 0.3025, 0.3229,

257.1213, 278.4283

0.3166

293.2639,
308.7784, 334.4749

■ 0.0000, 0.0000,
0.0000

■ 42.7464, 45.0383,
48.5598

■ 42.7464, 45.0383,
48.5598

■ 41.0517, 44.3602,
39.7027

■ 44.6782, 45.8141,
58.6542

■ 39.5813, 43.7705,
32.0326

■ 46.8519, 46.6852,
70.0278

■ 38.3269, 43.2671,
25.4997

■ 49.2768, 47.6567,
82.7242

■ 37.2783, 42.8460,
20.0502

■ 51.9606, 48.7319,
96.7841

■ 36.4242, 42.5028,
15.6254

■ 52.8315, 49.0818,
101.2970

■ 35.7526, 42.2325,
12.1613

■ 52.8454, 49.0890,
101.2976

■ 35.2499, 42.0299,
9.5866

■ 52.8594, 49.0962,
101.2983

■ 34.9007, 41.8886,
7.8203

■ 52.8734, 49.1034,
101.2989

■ 34.6868, 41.8014,
6.7664

■ 52.8874, 49.1107,
101.2996

Harmonies

Analogous

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



42.8385, 45.0383, 48.5368



42.7464, 45.0383, 48.5598



42.6708, 45.0383, 48.7110

Triad

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



42.7464, 45.0383, 48.5598



42.6929, 45.0383, 49.4323



42.9838, 45.0383, 49.1278

Complementary

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



42.7464, 45.0383, 48.5598



42.4190, 44.5617, 49.0158

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.



42.9446, 45.0383, 49.3686



42.7464, 45.0383, 48.5598



42.7766, 45.0383, 49.5448

Square

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



42.7464, 45.0383, 48.5598



42.6399, 45.0383, 49.2145



42.8688, 45.0383, 49.5214



42.9757, 45.0383, 48.8640

Rectangle

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



42.7464, 45.0383, 48.5598



42.6398, 45.0383, 48.8644



42.8688, 45.0383, 49.5214



42.9757, 45.0383, 49.2141

Sweetspot

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



42.7477, 45.0402, 48.5608



76.7382, 80.7346, 87.9200



42.5481, 44.6400, 48.4940



17.0014, 17.8868, 19.4787



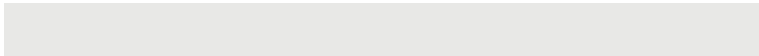
86.6293, 91.1408, 99.2523

Same Dimension

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



42.7477, 45.0402, 48.5608



76.4081, 80.6022, 86.1946



42.6327, 44.9810, 48.5554



9.5131, 10.0330, 10.7455



24.4310, 29.5047, 4.4073



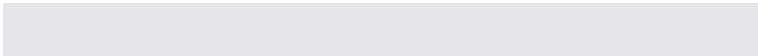
0.7696, 0.9288, 0.1387

Inverse Universe

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



42.4190, 44.5617, 49.0158



75.3431, 79.0518, 87.6687



42.5335, 44.6208, 49.0211



9.3916, 9.8561, 10.9138



5.7562, 2.3032, 30.2782



0.1820, 0.0729, 0.9527

Previews

White Background



This preview shows how the XYZ color 42.7464, 45.0383, 48.5598 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 42.7464, 45.0383, 48.5598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

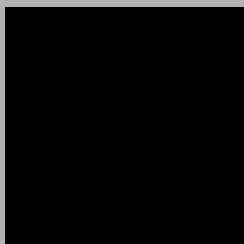
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

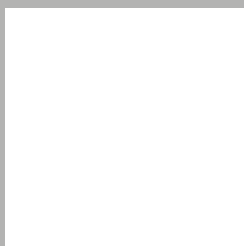
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7464, 45.0383, 48.5598

Background



This preview shows how black text looks on a background with the XYZ color 42.7464, 45.0383, 48.5598.

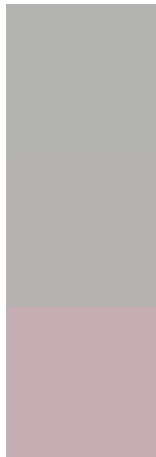


This preview shows how white text looks on a background with the XYZ color 42.7464, 45.0383,

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

42.7464, 45.0383, 48.5598

Protanopia

43.1476, 44.9602, 47.9990

Deuteranopia

45.8452, 44.8776, 48.8938



Tritanopia

44.1822, 45.0296, 55.6532

Trichromacy



Original Color

42.7464, 45.0383, 48.5598

Protanomaly

42.9123, 44.8389, 47.9880

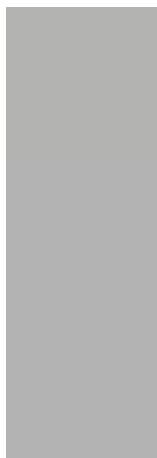
Deuteranomaly

44.7019, 44.8618, 48.9510

Tritanomaly

43.6057, 45.0893, 52.8592

Monochromacy



Original Color

42.7464, 45.0383, 48.5598

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8472, 45.0786, 49.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7464, 45.0383, 48.5598 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.7464, 45.0383, 48.5598 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, 178) }
```

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

```
.border{ border-color:rgb(179, 179, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
178) }
```


Background

The CSS property to change the background color of an element to XYZ 42.7464, 45.0383, 48.5598 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, 178) }
```

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

```
.background{ background-color: rgb(179,  
179, 178) }
```

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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