

Converting Colors

XYZ(42.3063, 44.7737, 51.5383)

Have a look what the booklet for
XYZ(42.3063, 44.7737, 51.5383)
contains.

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Color

**XYZ(42.2274, 44.6996,
51.7497)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB3B8
RGB	174, 179, 184
RGB Percent	68%, 70%, 72%
CMY	0.3176, 0.2980, 0.2784
CMYK	0.05, 0.03, 0.00, 0.28
HSL	210°, 7%, 70%
HSV	210°, 5%, 72%
XYZ	42.2274, 44.6996, 51.7497
YIQ	178.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

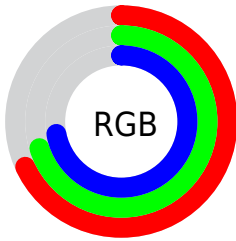
Format	Color
RYB	174, 177, 184
Decimal	11449272
CIELab	72.69, -0.78, -3.16
CIELCh	73, 3.253, 256.198
Yxy	44.6996, 0.3045, 0.3223
Android (android.graphics.Color)	4289639352 (0xFFFAEB3B8)
YUV	178.0750, 2.9210, -3.5738
Hunter-Lab	66.8578, -4.2604, 0.9084

Details

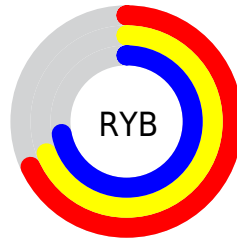
The XYZ color **42.2274, 44.6996, 51.7497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5274, 45.4861, 46.5306**, and the grayscale version is **42.3445, 44.5497, 48.5146**.

A 20% lighter version of the original color is **77.7496, 82.3659, 94.2384**, and **19.5836, 20.6980, 24.4357** is the 20% darker color. If you saturate the color by 10%, you get **36.6242, 39.1671, 50.9778**, and if you desaturate by 10%, it is **48.5176, 50.7712, 52.5908**.

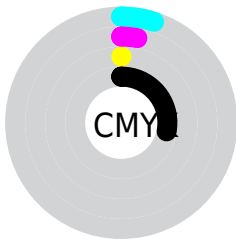
Distribution



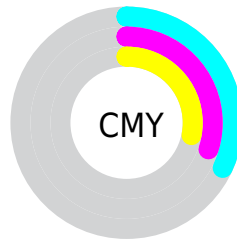
- Red (68%)
- Green (70%)
- Blue (72%)



- Red (68%)
- Yellow (69%)
- Blue (72%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (32%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2274, 44.6996, 51.7497 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 42.2274, 44.6996, 51.7497 by changing the saturation by 10% instead.

■ 42.2274, 44.6996,
51.7497

■ 42.2274, 44.6996,
51.7497

346.4003,
365.5556, 410.3990

■ 29.4713, 31.2209,
36.4247

■ 77.8067, 82.2694,
94.1848

■ 19.5837, 20.7671,
24.4701

101.3605,
107.1294, 122.1320

■ 12.1993, 12.9539,
15.4673

129.2444,
136.5518, 155.1238

■ 6.9527, 7.3968,
8.9978

161.8235,
170.9211, 193.5786

■ 3.4786, 3.7115,
4.6429

199.4633,
210.6218, 237.9149

■ 1.4116, 1.5135,
1.9843

242.5292,

■ 0.2645, 0.2982,

256.0382, 288.5514

0.5456

291.3864,
307.5546, 345.9066

■ 0.0000, 0.0000,
0.0000

■ 42.2274, 44.6996,
51.7497

■ 42.2274, 44.6996,
51.7497

■ 36.6242, 39.1671,
50.9778

■ 48.5176, 50.7712,
52.5908

■ 31.6791, 34.1516,
50.2704

■ 55.5147, 57.3918,
53.4999

■ 27.3667, 29.6375,
49.6263

■ 63.2425, 64.5782,
54.4797

■ 23.6585, 25.6063,
49.0437

■ 71.7224, 72.3449,
55.5319

■ 20.5234, 22.0383,
48.5202

■ 76.8109, 78.5588,
56.4631

■ 17.9276, 18.9118,
48.0536

■ 79.3636, 83.6642,
57.3140

■ 15.8329, 16.2032,
47.6412

■ 82.0522, 89.0414,
58.2102

■ 14.1959, 13.8857,
47.2801

■ 84.8787, 94.6943,
59.1524

■ 12.9630, 11.9270,
46.9670

■ 85.6519, 96.2407,
59.4101

Harmonies

Analogous

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



41.7393, 44.6996, 50.9469



42.2274, 44.6996, 51.7497



42.7889, 44.6996, 51.7147

Triad

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



42.2274, 44.6996, 51.7497



43.5358, 44.6996, 47.8088



41.7076, 44.6996, 46.5517

Complementary

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



42.2274, 44.6996, 51.7497



43.5274, 45.4861, 46.5306

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.



42.1838, 44.6996, 45.7477



42.2274, 44.6996, 51.7497



43.2408, 44.6996, 46.4625

Square

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



42.2274, 44.6996, 51.7497



43.5477, 44.6996, 49.4151



42.7449, 44.6996, 45.7155



41.4410, 44.6996, 47.9330

Rectangle

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



42.2274, 44.6996, 51.7497



43.1294, 44.6996, 51.2203



42.7449, 44.6996, 45.7155



41.8483, 44.6996, 46.2063

Sweetspot

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



42.2287, 44.7015, 51.7507



80.2860, 84.6644, 94.3150



42.7166, 46.5283, 49.2897



17.3337, 18.2768, 20.3358



88.6918, 93.3107, 101.6153



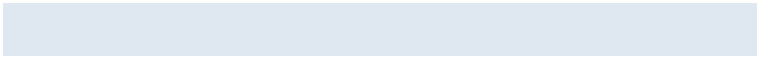
17.8044, 18.7317, 20.3988

Same Dimension

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



42.2287, 44.7015, 51.7507



74.7550, 79.2775, 93.5667



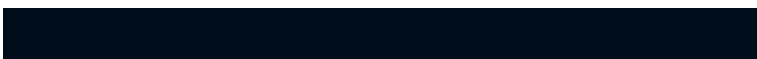
41.2763, 42.7966, 51.4332



9.1206, 9.6760, 11.4664



8.6744, 7.8085, 32.3031



0.3677, 0.3991, 1.1594

Inverse Universe

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



43.0409, 43.7180, 48.8200



76.6684, 76.9933, 86.6555



44.5137, 47.4589, 46.8594



9.3664, 9.3834, 10.5783



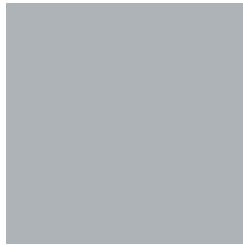
14.9921, 7.5706, 7.8453



0.5597, 0.2794, 0.4411

Previews

White Background



This preview shows how the XYZ color 42.2274, 44.6996, 51.7497 looks on a white background.

Color Contrast Check

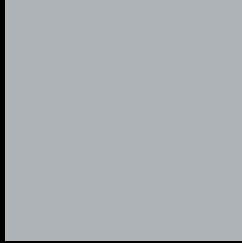
Large Text (above 18pt) WCAG AA × Fail

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 42.2274, 44.6996, 51.7497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

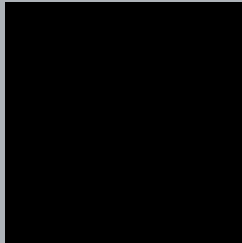
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2274, 44.6996, 51.7497

Background



This preview shows how black text looks on a background with the XYZ color 42.2274, 44.6996, 51.7497.



This preview shows how white text looks on a background with the XYZ color 42.2274, 44.6996,

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

42.2274, 44.6996, 51.7497

Protanopia

43.0918, 44.5665, 51.1308

Deuteranopia

45.4388, 44.5964, 52.1120



Tritanopia

43.1140, 44.7605, 56.2365

Trichromacy



Original Color

42.2274, 44.6996, 51.7497

Protanomaly

42.8277, 44.7247, 51.1752

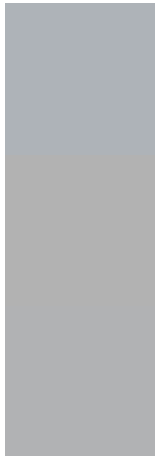
Deuteranomaly

44.0945, 44.4770, 52.1598

Tritanomaly

42.7849, 44.6289, 54.5033

Monochromacy



Original Color

42.2274, 44.6996, 51.7497

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2901, 44.4832, 49.5372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2274, 44.6996, 51.7497 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(174, 179, 184) looks like.

```
.text, #text, p{  
    color:rgb(174, 179, 184)  
}
```

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(174, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.2274, 44.6996, 51.7497 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(174, 179, 184) }
```


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

```
.border{ border-color:rgb(174, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2274, 44.6996, 51.7497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 179, 184) }
```

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

```
.background{ background-color: rgb(174,  
179, 184) }
```

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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