

Converting Colors

XYZ(39.8126, 42.1235, 48.3088)

Have a look what the booklet for
XYZ(39.8126, 42.1235, 48.3088)
contains.

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Color

**XYZ(39.7495, 42.0325,
48.1375)**

Conversions

Conversions Part 1

Format	Color
Hex	AAAEB2
RGB	170, 174, 178
RGB Percent	67%, 68%, 70%
CMY	0.3333, 0.3176, 0.3020
CMYK	0.04, 0.02, 0.00, 0.30
HSL	210°, 5%, 68%
HSV	210°, 4%, 70%
XYZ	39.7495, 42.0325, 48.1375
YIQ	173.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

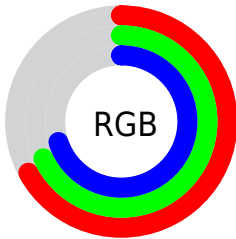
Format	Color
RYB	170, 173, 178
Decimal	11185842
CIELab	70.89, -0.63, -2.54
CIELCh	71, 2.621, 256.100
Yxy	42.0325, 0.3060, 0.3235
Android (android.graphics.Color)	4289375922 (0xFFAAAEB2)
YUV	173.2600, 2.3368, -2.8590
Hunter-Lab	64.8325, -4.0165, 1.3605

Details

The XYZ color **39.7495, 42.0325, 48.1375** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7519, 42.6389, 44.1132**, and the grayscale version is **39.8439, 41.9189, 45.6497**.

A 20% lighter version of the original color is **73.9219, 77.9867, 88.9987**, and **18.1324, 19.2513, 22.1622** is the 20% darker color. If you saturate the color by 10%, you get **34.4976, 36.8593, 47.4164**, and if you desaturate by 10%, it is **45.6386, 47.7054, 48.9227**.

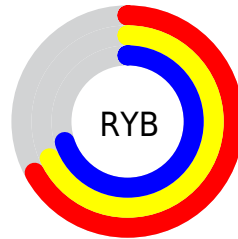
Distribution



Red (67%)

Green (68%)

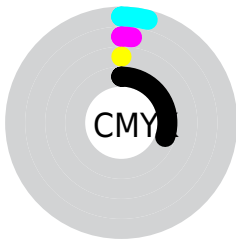
Blue (70%)



Red (67%)

Yellow (68%)

Blue (70%)

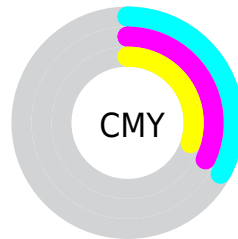


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7495, 42.0325, 48.1375 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 39.7495, 42.0325, 48.1375 by changing the saturation by 10% instead.

■ 39.7495, 42.0325,
48.1375

■ 39.7495, 42.0325,
48.1375

336.2192,
354.6176, 395.8613

■ 27.5266, 29.1267,
33.5750

■ 74.0687, 78.2488,
88.7768

■ 18.1078, 19.1767,
22.2926

96.8957, 102.3282,
115.6906

■ 11.1275, 11.7980,
13.8717

123.9881,
130.9008, 147.5587

■ 6.2206, 6.6063,
7.8937

155.7114,
164.3512, 184.7996

■ 3.0216, 3.2171,
3.9402

192.4307,
203.0636, 227.8317

■ 1.1652, 1.2461,
1.5926

234.5116,

■ 0.0786, 0.0989,

247.4226, 277.0737

0.2855

282.3193,
297.8125, 332.9440

■ 0.0000, 0.0000,
0.0000

■ 39.7495, 42.0325,
48.1375

■ 39.7495, 42.0325,
48.1375

■ 34.4976, 36.8593,
47.4164

■ 45.6386, 47.7054,
48.9227

■ 29.8564, 32.1654,
46.7550

■ 52.1830, 53.8871,
49.7710

■ 25.8026, 27.9367,
46.1525

■ 59.4047, 60.5930,
50.6847

■ 22.3100, 24.1562,
45.6068

■ 67.3234, 67.8364,
51.6655

■ 19.3504, 20.8057,
45.1161

■ 74.4702, 74.8629,
52.6451

■ 16.8926, 17.8655,
44.6781

■ 76.8455, 79.6134,
53.4368

■ 14.9023, 15.3141,
44.2906

■ 79.3465, 84.6154,
54.2705

■ 13.3398, 13.1271,
43.9508

■ 81.9751, 89.8726,
55.1467

■ 12.1578, 11.2760,
43.6558

■ 84.7331, 95.3885,
56.0660

Harmonies

Analogous

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



39.3719, 42.0325, 47.5187



39.7495, 42.0325, 48.1375



40.1836, 42.0325, 48.1128

Triad

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



39.7495, 42.0325, 48.1375



40.7618, 42.0325, 45.1034



39.3494, 42.0325, 44.1210

Complementary

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



39.7495, 42.0325, 48.1375



40.7519, 42.6389, 44.1132

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.



39.7185, 42.0325, 43.4972



39.7495, 42.0325, 48.1375



40.5350, 42.0325, 44.0574

Square

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



39.7495, 42.0325, 48.1375



40.7702, 42.0325, 46.3457



40.1524, 42.0325, 43.4742



39.1421, 42.0325, 45.1917

Rectangle

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



39.7495, 42.0325, 48.1375



40.4468, 42.0325, 47.7344



40.1524, 42.0325, 43.4742



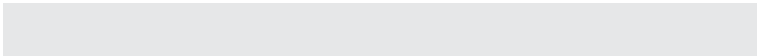
39.4586, 42.0325, 43.8529

Sweetspot

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



39.7507, 42.0343, 48.1384



75.6643, 79.6979, 87.7765



40.1256, 43.4383, 46.2465



16.7759, 17.6691, 19.4486



86.6293, 91.1408, 99.2523



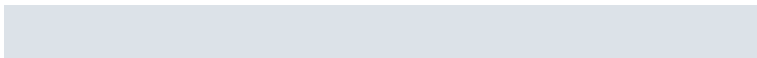
17.0014, 17.8868, 19.4787

Same Dimension

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



39.7507, 42.0343, 48.1384



71.4886, 75.6449, 87.2143



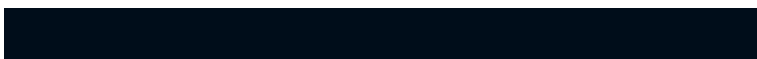
39.0139, 40.5606, 47.8928



8.8343, 9.3531, 10.8460



8.3725, 7.5455, 31.1521



0.3218, 0.3541, 0.9996

Inverse Universe

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



40.3757, 41.2712, 45.8846



72.7680, 74.0907, 82.5992



41.5103, 44.1557, 44.3660



9.0090, 9.1418, 10.2156



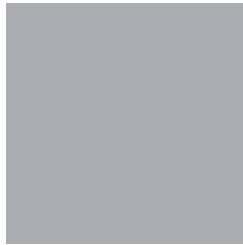
14.4607, 7.3018, 7.5861



0.4844, 0.2415, 0.3938

Previews

White Background



This preview shows how the XYZ color 39.7495, 42.0325, 48.1375 looks on a white background.

Color Contrast Check

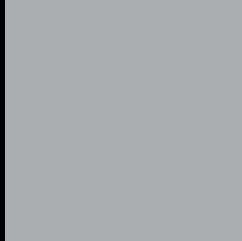
Large Text (above 18pt) WCAG AA × Fail

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 39.7495, 42.0325, 48.1375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

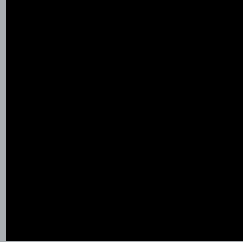
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7495, 42.0325, 48.1375

Background



This preview shows how black text looks on a background with the XYZ color 39.7495, 42.0325, 48.1375.



This preview shows how white text looks on a background with the XYZ color 39.7495, 42.0325,

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

39.7495, 42.0325, 48.1375

Protanopia

40.3675, 41.7933, 47.5343

Deuteranopia

42.6328, 41.8247, 48.4738



Tritanopia

40.6011, 42.0902, 52.4387

Trichromacy



Original Color

39.7495, 42.0325, 48.1375

Protanomaly

40.1130, 41.9457, 47.5771

Deuteranomaly

41.5675, 41.8279, 48.5306

Tritanomaly

40.2854, 41.9640, 50.7763

Monochromacy



Original Color

39.7495, 42.0325, 48.1375

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.6947, 41.7529, 46.5244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7495, 42.0325, 48.1375 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(170, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(170, 174, 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(170, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 174, 178) }
```

Border

The CSS property to change the border of an element to XYZ 39.7495, 42.0325, 48.1375 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(170, 174, 178) }
```


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

```
.border{ border-color:rgb(170, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(170, 174,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7495, 42.0325, 48.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 174, 178) }
```

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

```
.background{ background-color: rgb(170,  
174, 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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