

Converting Colors

XYZ(39.2140, 45.2234, 42.8845)

Have a look what the booklet for
XYZ(39.2140, 45.2234, 42.8845)
contains.

XYZ(39.1322, 45.1325, 42.7253)	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(39.1322, 45.1325,
42.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B9A6
RGB	162, 185, 166
RGB Percent	64%, 73%, 65%
CMY	0.3647, 0.2745, 0.3490
CMYK	0.12, 0.00, 0.10, 0.27
HSL	130°, 14%, 68%
HSV	130°, 12%, 73%
XYZ	39.1322, 45.1325, 42.7253
YIQ	175.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

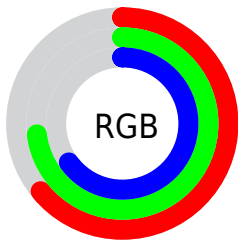
Format	Color
R _Y B	162, 182, 185
Decimal	10664358
CIE Lab	72.98, -11.57, 6.99
CIE LCh	73, 13.514, 148.850
Yxy	45.1325, 0.3082, 0.3554
Android (android.graphics.Color)	4288854438 (0xFFA2B9A6)
YUV	175.9570, -4.9088, -12.2403
Hunter-Lab	67.1807, -13.5915, 9.3195

Details

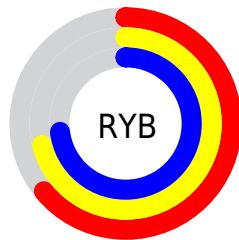
The XYZ color **39.1322, 45.1325, 42.7253** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2701, 39.4923, 49.1659**, and the grayscale version is **41.2731, 43.4225, 47.2871**.

A 20% lighter version of the original color is **73.1217, 82.8828, 80.5507**, and **17.7189, 21.0324, 19.0454** is the 20% darker color. If you saturate the color by 10%, you get **34.3275, 42.8093, 35.6120**, and if you desaturate by 10%, it is **44.6590, 47.8112, 50.7440**.

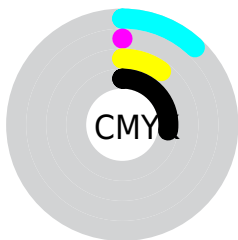
Distribution



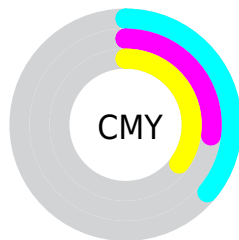
- Red (64%)
- Green (73%)
- Blue (65%)



- Red (64%)
- Yellow (71%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1322, 45.1325, 42.7253 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 39.1322, 45.1325, 42.7253 by changing the saturation by 10% instead.

■ 39.1322, 45.1325,
42.7253

■ 39.1322, 45.1325,
42.7253

333.6497,
367.3099, 373.3688

■ 27.0438, 31.5618,
29.3398

■ 73.1330, 82.9192,
80.5781

■ 17.7429, 21.0270,
19.0903

■ 95.7761, 107.9040,
105.8825

■ 10.8641, 13.1438,
11.5580

122.6681,
137.4623, 135.9969

■ 6.0421, 7.5276,
6.3246

154.1744,
171.9785, 171.3399

■ 2.9116, 3.7942,
2.9715

190.6604,
211.8369, 212.3301

■ 1.1072, 1.5591,
1.0801

232.4914,

■ 0.0311, 0.3298,

257.4221, 259.3859

0.0000

280.0327,
309.1183, 312.9260

■ 0.0000, 0.0000,
0.0000

■ 39.1322, 45.1325,
42.7253

■ 39.1322, 45.1325,
42.7253

■ 34.3275, 42.8093,
35.6120

■ 44.6590, 47.8112,
50.7440

■ 30.2112, 40.8212,
29.3695

■ 50.9322, 50.8535,
59.6954

■ 26.7527, 39.1543,
23.9650

■ 57.9796, 54.2745,
69.6092

■ 23.9173, 37.7916,
19.3630

■ 65.8266, 58.0865,
80.5128

■ 21.6675, 36.7144,
15.5250

■ 74.4972, 62.3016,
92.4328

■ 19.9612, 35.9019,
12.4096

■ 76.6398, 63.1797,
102.7633

■ 18.7510, 35.3308,
9.9714

■ 17.9806, 34.9729,
8.1596

■ 17.6129, 34.8049,
7.1685

Harmonies

Analogous

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



40.7461, 45.1325, 38.6219



39.1322, 45.1325, 42.7253



38.5213, 45.1325, 48.8814

Triad

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



39.1322, 45.1325, 42.7253



42.8061, 45.1325, 63.3027



46.9927, 45.1325, 43.1380

Complementary

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



39.1322, 45.1325, 42.7253



41.2701, 39.4923, 49.1659

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.



47.5923, 45.1325, 49.4028



39.1322, 45.1325, 42.7253



45.1225, 45.1325, 61.4167

Square

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



39.1322, 45.1325, 42.7253



40.5939, 45.1325, 61.1147



46.8960, 45.1325, 56.1702



45.2858, 45.1325, 38.8443

Rectangle

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



39.1322, 45.1325, 42.7253



38.7472, 45.1325, 53.4580



46.8960, 45.1325, 56.1702



47.3331, 45.1325, 45.0641

Sweetspot

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



39.1334, 45.1344, 42.7263



78.2751, 84.7989, 88.4219



42.9676, 47.1527, 41.0198



16.7081, 18.2002, 18.8218



88.6918, 93.3107, 101.6153



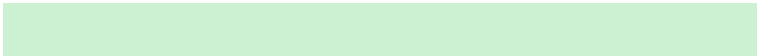
17.8044, 18.7317, 20.3988

Same Dimension

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



39.1334, 45.1344, 42.7263



67.5364, 79.5981, 72.7755



40.2198, 45.5690, 48.4469



8.9524, 10.0849, 9.9067



12.0115, 23.7055, 4.9825



0.4432, 0.8436, 0.2795

Inverse Universe

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



41.2701, 39.4923, 49.1659



72.1377, 67.4462, 86.6428



40.1536, 39.0457, 43.2864



9.3121, 9.1352, 10.9908



17.5527, 8.5948, 21.3292



0.6366, 0.3101, 0.8460

Previews

White Background



This preview shows how the XYZ color 39.1322, 45.1325, 42.7253 looks on a white background.

Color Contrast Check

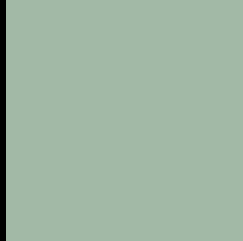
Large Text (above 18pt) WCAG AA × Fail

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 39.1322, 45.1325, 42.7253 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

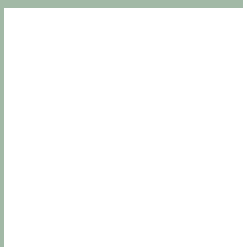
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1322, 45.1325, 42.7253

Background



This preview shows how black text looks on a background with the XYZ color 39.1322, 45.1325, 42.7253.



This preview shows how white text looks on a background with the XYZ color 39.1322, 45.1325,

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

39.1322, 45.1325, 42.7253

Protanopia

42.6917, 44.8885, 40.5967

Deuteranopia

45.9244, 45.0311, 43.8075



Tritanopia

42.3105, 45.2034, 58.1249

Trichromacy



Original Color

39.1322, 45.1325, 42.7253

Protanomaly

41.2662, 45.0392, 41.1688

Deuteranomaly

43.0397, 44.7105, 43.4073

Tritanomaly

40.8967, 44.9159, 51.8616

Monochromacy



Original Color

39.1322, 45.1325, 42.7253

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.3611, 43.8767, 45.3715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1322, 45.1325, 42.7253 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(162, 185, 166)` looks like.

```
.text, #text, p{  
    color:rgb(162, 185, 166)  
}
```

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(162, 185, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 185, 166) }
```

Border

The CSS property to change the border of an element to XYZ 39.1322, 45.1325, 42.7253 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(162, 185, 166) }
```


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

```
.border{ border-color:rgb(162, 185, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 185, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 185, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 185, 166);  
box-shadow:4px 4px 4px 4px rgb(162, 185,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1322, 45.1325, 42.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 185, 166) }
```

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

```
.background{ background-color: rgb(162,  
185, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor