

Converting Colors

XYZ(39.5885, 45.0984, 52.5186)

Have a look what the booklet for
XYZ(39.5885, 45.0984, 52.5186)
contains.

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Color

**XYZ(39.6235, 45.1693,
52.5291)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB9B9
RGB	155, 185, 185
RGB Percent	61%, 73%, 73%
CMY	0.3921, 0.2745, 0.2745
CMYK	0.16, 0.00, 0.00, 0.27
HSL	180°, 18%, 67%
HSV	180°, 16%, 73%
XYZ	39.6235, 45.1693, 52.5291
YIQ	176.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

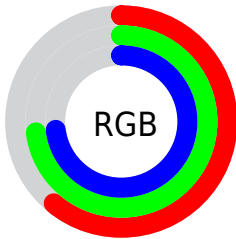
Format	Color
R_{YB}	155, 170, 185
Decimal	10205625
CIE _{Lab}	73.00, -10.12, -3.41
CIE _{LCh}	73, 10.677, 198.599
Yxy	45.1693, 0.2885, 0.3289
Android (android.graphics.Color)	4288395705 (0xFF9BB9B9)
YUV	176.0300, 4.4222, -18.4433
Hunter-Lab	67.2081, -12.3770, 0.7053

Details

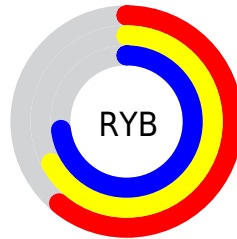
The XYZ color **39.6235, 45.1693, 52.5291** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6470, 36.1248, 36.0009**, and the grayscale version is **41.2679, 43.4170, 47.2811**.

A 20% lighter version of the original color is **73.9108, 82.9631, 95.3371**, and **18.0096, 21.0520, 24.9440** is the 20% darker color. If you saturate the color by 10%, you get **36.3417, 43.4787, 52.3756**, and if you desaturate by 10%, it is **43.4519, 47.1441, 52.7101**.

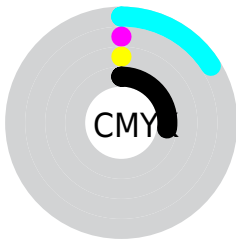
Distribution



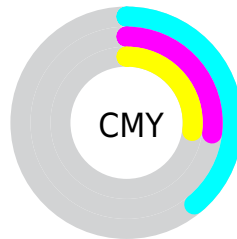
- Red (61%)
- Green (73%)
- Blue (73%)



- Red (61%)
- Yellow (67%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)





- Cyan (39%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6235, 45.1693, 52.5291 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 39.6235, 45.1693, 52.5291 by changing the saturation by 10% instead.


 39.6235, 45.1693,
52.5291


 39.6235, 45.1693,
52.5291


335.6958,
367.4588, 413.4908

 27.4280, 31.5908,
37.0418


 73.8778, 82.9744,
95.3456

 18.0332, 21.0491,
24.9438


 96.6674, 107.9698,
123.5119

 11.0736, 13.1599,
15.8166


123.7191,
137.5396, 156.7417

 6.1840, 7.5388,
9.2415

155.3981,
172.0682, 195.4534

 2.9990, 3.8013,
4.8001

192.0700,
211.9401, 240.0656

 1.1533, 1.5630,
2.0738

234.1000,

 0.0690, 0.3325,

257.5395, 290.9969

0.6001

281.8535,
309.2510, 348.6658

■ 0.0000, 0.0000,
0.0000

■ 39.6235, 45.1693,
52.5291

■ 39.6235, 45.1693,
52.5291

■ 36.3417, 43.4787,
52.3756

■ 43.4519, 47.1441,
52.7101

■ 33.5779, 42.0539,
52.2453

■ 47.8461, 49.4094,
52.9167

■ 31.3068, 40.8832,
52.1381

■ 52.8292, 51.9782,
53.1508

■ 29.4995, 39.9515,
52.0526

■ 58.4218, 54.8613,
53.4134

■ 28.1241, 39.2424,
51.9873

■ 64.6435, 58.0687,
53.7055

■ 27.1445, 38.7375,
51.9406

■ 67.3479, 59.4628,
53.8330

■ 26.5190, 38.4150,
51.9104

■ 67.3481, 59.4629,
53.8339

■ 26.1931, 38.2470,
51.8942

■ 67.3483, 59.4630,
53.8349

■ 26.1054, 38.2018,
51.8898

■ 67.3485, 59.4631,
53.8358

Harmonies

Analogous

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



39.5132, 45.1693, 47.1801



39.6235, 45.1693, 52.5291



40.6048, 45.1693, 57.2911

Triad

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



39.6235, 45.1693, 52.5291



45.6774, 45.1693, 56.2881



43.6446, 45.1693, 39.7890

Complementary

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



39.6235, 45.1693, 52.5291



37.6470, 36.1248, 36.0009

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.



45.3466, 45.1693, 41.8761



39.6235, 45.1693, 52.5291



46.5427, 45.1693, 51.2391

Square

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



39.6235, 45.1693, 52.5291



44.0855, 45.1693, 59.5673



46.4199, 45.1693, 45.9796



41.7989, 45.1693, 40.0793

Rectangle

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



39.6235, 45.1693, 52.5291



41.6373, 45.1693, 59.3724



46.4199, 45.1693, 45.9796



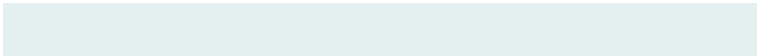
44.2534, 45.1693, 40.2294

Sweetspot

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



39.6248, 45.1712, 52.5301



78.6599, 84.8645, 94.4384



36.8804, 44.0845, 37.5765



16.8457, 18.2374, 20.3537



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.



39.6248, 45.1712, 52.5301



69.0433, 79.9070, 93.9861



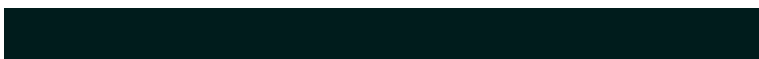
36.7445, 39.4101, 51.5714



9.2667, 10.2106, 11.5617



17.7746, 26.0108, 35.3307



0.6266, 0.9169, 1.2456

Inverse Universe

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



37.6470, 36.1248, 36.0009



64.9159, 61.0286, 59.4921



40.2068, 41.2448, 36.8531



9.0047, 9.0122, 9.3720



13.6235, 7.0231, 0.6380



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 39.6235, 45.1693, 52.5291 looks on a white background.

Color Contrast Check

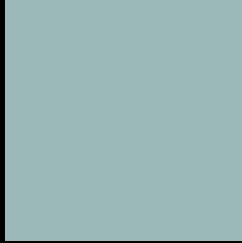
Large Text (above 18pt) WCAG AA × Fail

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 39.6235, 45.1693, 52.5291 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

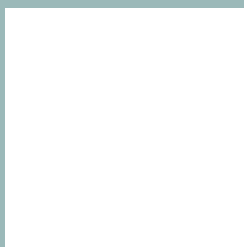
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6235, 45.1693, 52.5291

Background



This preview shows how black text looks on a background with the XYZ color 39.6235, 45.1693, 52.5291.

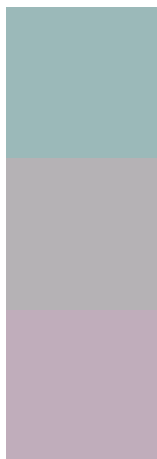


This preview shows how white text looks on a background with the XYZ color 39.6235, 45.1693,

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

39.6235, 45.1693, 52.5291

Protanopia

43.3169, 45.0007, 50.1190

Deuteranopia

45.6514, 44.6815, 53.2320



Tritanopia

41.0312, 45.1123, 59.9710

Trichromacy



Original Color

39.6235, 45.1693, 52.5291

Protanomaly

41.9806, 45.1958, 50.7670

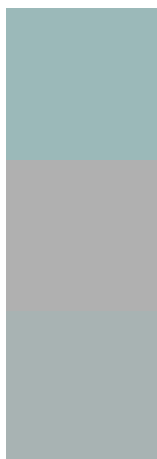
Deuteranomaly

43.1755, 44.5732, 52.7823

Tritanomaly

40.4764, 45.1992, 57.0431

Monochromacy



Original Color

39.6235, 45.1693, 52.5291

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.4052, 43.8197, 48.9763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6235, 45.1693, 52.5291 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(155, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(155, 185, 185)  
}
```

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(155, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 39.6235, 45.1693, 52.5291 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(155, 185, 185) }
```


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

```
.border{ border-color:rgb(155, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(155, 185,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6235, 45.1693, 52.5291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 185, 185) }
```

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

```
.background{ background-color: rgb(155,  
185, 185) }
```

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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