

Converting Colors

XYZ(40.4745, 44.9131, 52.5757)

Have a look what the booklet for
XYZ(40.4745, 44.9131, 52.5757)
contains.

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Color

**XYZ(40.5907, 45.0511,
52.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B7B9
RGB	162, 183, 185
RGB Percent	64%, 72%, 73%
CMY	0.3647, 0.2823, 0.2745
CMYK	0.12, 0.01, 0.00, 0.27
HSL	185°, 14%, 68%
HSV	185°, 12%, 73%
XYZ	40.5907, 45.0511, 52.4553
YIQ	176.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

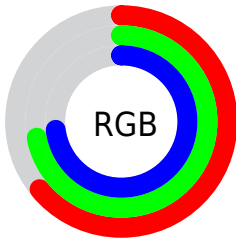
Format	Color
RYB	162, 173, 185
Decimal	10663865
CIELab	72.93, -6.77, -3.47
CIELCh	73, 7.605, 207.110
Yxy	45.0511, 0.2939, 0.3262
Android (android.graphics.Color)	4288853945 (0xFFA2B7B9)
YUV	176.9490, 3.9691, -13.1103
Hunter-Lab	67.1201, -9.5128, 0.6481

Details

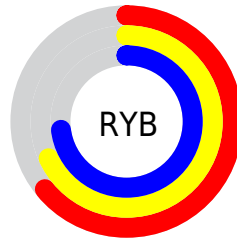
The XYZ color **40.5907, 45.0511, 52.4553** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8049, 39.4737, 39.7044**, and the grayscale version is **41.7490, 43.9232, 47.8323**.

A 20% lighter version of the original color is **75.3590, 82.8356, 95.2361**, and **18.5779, 20.9462, 24.8937** is the 20% darker color. If you saturate the color by 10%, you get **36.7766, 42.5969, 52.1833**, and if you desaturate by 10%, it is **44.9641, 47.8016, 52.7564**.

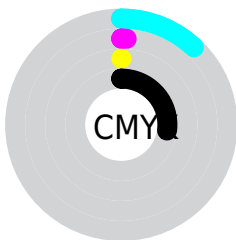
Distribution



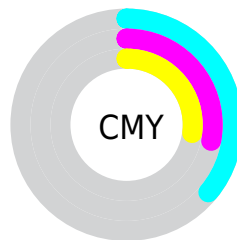
- Red (64%)
- Green (72%)
- Blue (73%)



- Red (64%)
- Yellow (68%)
- Blue (73%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5907, 45.0511, 52.4553 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 40.5907, 45.0511, 52.4553 by changing the saturation by 10% instead.

■ 40.5907, 45.0511,
52.4553

■ 40.5907, 45.0511,
52.4553

339.6989,
366.9805, 413.1987

■ 28.1857, 31.4977,
36.9834

■ 75.3408, 82.7971,
95.2358

■ 18.6068, 20.9781,
24.8989

■ 98.4166, 107.7584,
123.3814

■ 11.4888, 13.1080,
15.7834

125.7800,
137.2912, 156.5887

■ 6.4664, 7.5030,
9.2183

157.7964,
171.7798, 195.2761

■ 3.1740, 3.7786,
4.7851

194.8311,
211.6087, 239.8623

■ 1.2464, 1.5505,
2.0652

237.2496,

■ 0.1426, 0.3239,

257.1621, 290.7658

0.5950

285.4170,
308.8246, 348.4051

■ 0.0000, 0.0000,
0.0000

■ 40.5907, 45.0511,
52.4553

■ 40.5907, 45.0511,
52.4553

■ 36.7766, 42.5969,
52.1833

■ 44.9641, 47.8016,
52.7564

■ 33.4938, 40.4210,
51.9364

■ 49.9154, 50.8546,
53.0847

■ 30.7178, 38.5120,
51.7142

■ 55.4674, 54.2227,
53.4422

■ 28.4205, 36.8553,
51.5155

■ 61.6401, 57.9166,
53.8299

■ 26.5714, 35.4351,
51.3388

■ 68.4530, 61.9462,
54.2486

■ 25.1359, 34.2338,
51.1826

■ 68.9883, 62.7453,
54.3746

■ 24.0749, 33.2310,
51.0450

■ 69.3446, 63.4578,
54.4934

■ 23.3413, 32.4024,
50.9237

■ 69.7047, 64.1780,
54.6134

■ 22.9331, 31.8548,
50.8395

■ 70.0687, 64.9060,
54.7347

Harmonies

Analogous

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



40.3242, 45.0511, 48.6859



40.5907, 45.0511, 52.4553



41.4505, 45.0511, 55.4417

Triad

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



40.5907, 45.0511, 52.4553



44.9959, 45.0511, 53.1247



42.9484, 45.0511, 42.1177

Complementary

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



40.5907, 45.0511, 52.4553



39.8049, 39.4737, 39.7044

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.



44.2188, 45.0511, 43.1750



40.5907, 45.0511, 52.4553



45.4162, 45.0511, 49.4220

Square

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



40.5907, 45.0511, 52.4553



43.9918, 45.0511, 55.8420



45.1289, 45.0511, 45.8011



41.6687, 45.0511, 42.8378

Rectangle

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



40.5907, 45.0511, 52.4553



42.2536, 45.0511, 56.5185



45.1289, 45.0511, 45.8011



43.3908, 45.0511, 42.2756

Sweetspot

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



40.5920, 45.0530, 52.4563



79.1804, 84.7704, 94.3937



38.9433, 45.0574, 41.7277



16.9381, 18.1925, 20.3404



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.



40.5920, 45.0530, 52.4563



70.6777, 79.3989, 93.8050



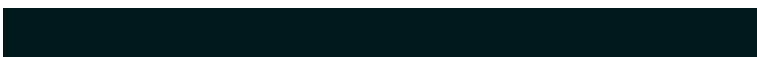
38.3313, 40.5316, 51.7027



9.1982, 10.0736, 11.5390



15.6419, 21.7435, 34.6256



0.5711, 0.8059, 1.2272

Inverse Universe

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



41.4761, 39.5747, 50.2545



72.5901, 67.6272, 89.0250



41.9411, 43.7461, 40.4165



9.3464, 9.1489, 11.1715



18.5090, 8.9774, 26.3649



0.6624, 0.3204, 0.9818

Previews

White Background



This preview shows how the XYZ color 40.5907, 45.0511, 52.4553 looks on a white background.

Color Contrast Check

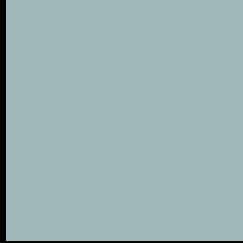
Large Text (above 18pt) WCAG AA × Fail

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 40.5907, 45.0511, 52.4553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

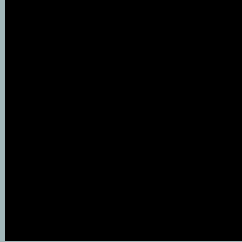
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

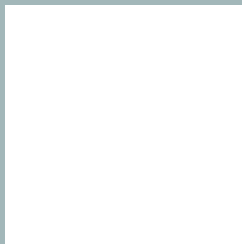
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5907, 45.0511, 52.4553

Background



This preview shows how black text looks on a background with the XYZ color 40.5907, 45.0511, 52.4553.



This preview shows how white text looks on a background with the XYZ color 40.5907, 45.0511,

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

40.5907, 45.0511, 52.4553

Protanopia

43.4199, 45.0419, 50.6615

Deuteranopia

45.6514, 44.6815, 53.2320



Tritanopia

41.7975, 44.9258, 58.6931

Trichromacy



Original Color

40.5907, 45.0511, 52.4553

Protanomaly

42.3241, 45.0601, 51.2665

Deuteranomaly

43.6411, 44.8132, 52.8041

Tritanomaly

41.3466, 45.0482, 56.3851

Monochromacy



Original Color

40.5907, 45.0511, 52.4553

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3716, 44.3061, 49.5514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5907, 45.0511, 52.4553 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, 183, 185) looks like.

```
.text, #text, p{  
    color:rgb(162, 183, 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(162, 183, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 183, 185) }
```

Border

The CSS property to change the border of an element to XYZ 40.5907, 45.0511, 52.4553 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, 183, 185) }
```


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

```
.border{ border-color:rgb(162, 183, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 183, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 183, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 183, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 183,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5907, 45.0511, 52.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 183, 185) }
```

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

```
.background{ background-color: rgb(162,  
183, 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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