

Converting Colors

XYZ(40.3819, 47.8782, 64.1126)

Have a look what the booklet for
XYZ(40.3819, 47.8782, 64.1126)
contains.

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Color

**XYZ(40.4503, 47.9028,
64.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC1CC
RGB	138, 193, 204
RGB Percent	54%, 76%, 80%
CMY	0.4588, 0.2431, 0.2000
CMYK	0.32, 0.05, 0.00, 0.20
HSL	190°, 39%, 67%
HSV	190°, 32%, 80%
XYZ	40.4503, 47.9028, 64.2410
YIQ	177.8090, -36.3110, -8.2390

Conversions

Conversions Part 2

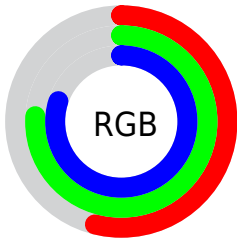
Format	Color
RYB	138, 168, 204
Decimal	9093580
CIELab	74.76, -15.13, -11.26
CIELCh	75, 18.855, 216.651
Yxy	47.9028, 0.2651, 0.3139
Android (android.graphics.Color)	4287283660 (0xFF8AC1CC)
YUV	177.8090, 12.9122, -34.9125
Hunter-Lab	69.2118, -16.7979, -6.5835

Details

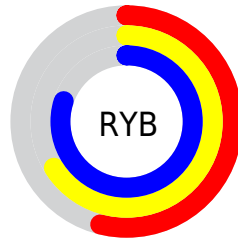
The XYZ color **40.4503, 47.9028, 64.2410** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2375, 36.1679, 28.9063**, and the grayscale version is **42.1648, 44.3607, 48.3088**.

A 20% lighter version of the original color is **74.2279, 86.9287, 107.4744**, and **18.4840, 22.5985, 32.2419** is the 20% darker color. If you saturate the color by 10%, you get **36.6445, 44.8391, 63.8511**, and if you desaturate by 10%, it is **44.9102, 51.3317, 64.6686**.

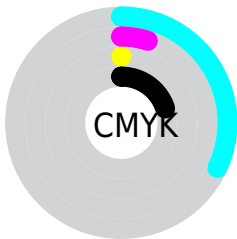
Distribution



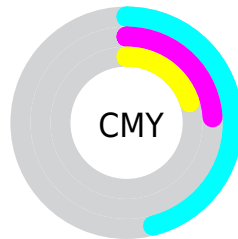
- Red (54%)
- Green (76%)
- Blue (80%)



- Red (54%)
- Yellow (66%)
- Blue (80%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4503, 47.9028, 64.2410 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 40.4503, 47.9028, 64.2410 by changing the saturation by 10% instead.

■ 40.4503, 47.9028,
64.2410

■ 40.4503, 47.9028,
64.2410

339.1198,
378.4067, 458.2907

■ 28.0756, 33.7499,
46.3985

■ 75.1287, 87.0597,
112.5607

■ 18.5234, 22.7015,
32.2094

■ 98.1631, 112.8324,
143.8750

■ 11.4284, 14.3733,
21.2554

■ 125.4815,
143.2473, 180.5170

■ 6.4251, 8.3807,
13.1177

157.4491,
178.6886, 222.9052

■ 3.1484, 4.3395,
7.3780

194.4314,
219.5409, 271.4581

■ 1.2327, 1.8652,
3.6176

236.7938,

■ 0.1320, 0.5274,

266.1884, 326.5943

1.4180

284.9014,
319.0155, 388.7323

■ 0.0000, 0.0000,
0.1557

■ 0.0000, 0.0000,
0.0000

■ 40.4503, 47.9028,
64.2410

■ 40.4503, 47.9028,
64.2410

■ 36.6445, 44.8391,
63.8511

■ 44.9102, 51.3317,
64.6686

■ 33.4527, 42.1163,
63.4937

■ 50.0528, 55.1371,
65.1321

■ 30.8372, 39.7159,
63.1682

■ 55.9101, 59.3370,
65.6340

■ 28.7542, 37.6151,
62.8725

■ 62.5110, 63.9463,
66.1758

■ 27.1534, 35.7879,
62.6042

■ 69.8825, 68.9792,
66.7587

■ 25.9745, 34.2029,
62.3604

■ 76.0343, 73.4098,
67.2897

■ 25.2752, 33.1116,
62.1866

■ 76.9005, 75.1422,
67.5784

■ 77.7848, 76.9108,
67.8732

■ 78.6872, 78.7156,
68.1740

Harmonies

Analogous

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



39.2995, 47.9028, 54.3721



40.4503, 47.9028, 64.2410



42.9706, 47.9028, 71.4526

Triad

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



40.4503, 47.9028, 64.2410



51.8454, 47.9028, 59.9927



44.7720, 47.9028, 35.5834

Complementary

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



40.4503, 47.9028, 64.2410



40.2375, 36.1679, 28.9063

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.



48.1894, 47.9028, 36.6929



40.4503, 47.9028, 64.2410



52.3869, 47.9028, 50.0048

Square

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



40.4503, 47.9028, 64.2410



49.5739, 47.9028, 68.7930



51.0185, 47.9028, 41.6939



41.7125, 47.9028, 38.4473

Rectangle

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



40.4503, 47.9028, 64.2410



45.1467, 47.9028, 73.3336



51.0185, 47.9028, 41.6939



45.9158, 47.9028, 35.5101

Sweetspot

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



40.4517, 47.9047, 64.2421



84.9422, 92.7991, 108.0428



37.4126, 50.7250, 35.7958



17.8984, 19.6579, 23.1010



0.0000, 0.0000, 0.0000



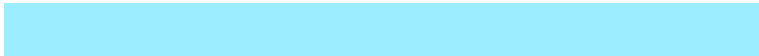
20.3446, 21.4041, 23.3091

Same Dimension

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



40.4517, 47.9047, 64.2421



62.3726, 75.6415, 105.9206



34.1438, 35.2888, 62.1395



11.3780, 12.3964, 14.3634



15.9671, 20.9581, 39.1600



0.8671, 1.1679, 2.0347

Inverse Universe

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



43.6172, 34.8659, 54.8850



68.5486, 51.0844, 87.4661



45.9938, 47.6805, 30.8251



11.6041, 11.3704, 13.7160



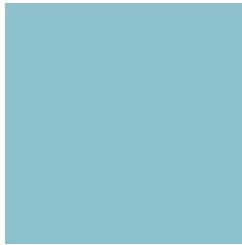
20.2704, 9.9187, 24.9401



1.0676, 0.5204, 1.4019

Previews

White Background



This preview shows how the XYZ color 40.4503, 47.9028, 64.2410 looks on a white background.

Color Contrast Check

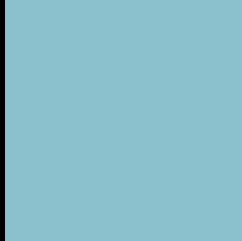
Large Text (above 18pt) WCAG AA × Fail

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 40.4503, 47.9028, 64.2410 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 40.4503, 47.9028, 64.2410

Background



This preview shows how black text looks on a background with the XYZ color 40.4503, 47.9028, 64.2410.



This preview shows how white text looks on a background with the XYZ color 40.4503, 47.9028,

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

40.4503, 47.9028, 64.2410

Protanopia

46.3344, 47.5544, 59.5602

Deuteranopia

48.6178, 47.6923, 65.6746



Tritanopia

40.8823, 47.7423, 66.7350

Trichromacy



Original Color

40.4503, 47.9028, 64.2410

Protanomaly

43.9206, 47.5034, 61.4978

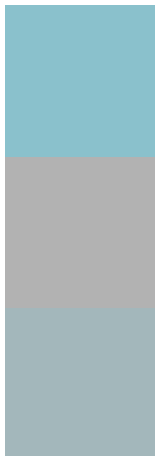
Deuteranomaly

45.0757, 47.3951, 65.1650

Tritanomaly

40.7596, 47.6932, 66.0889

Monochromacy



Original Color

40.4503, 47.9028, 64.2410

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.0074, 45.2414, 53.5848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4503, 47.9028, 64.2410 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(138, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(138, 193, 204)  
}
```

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(138, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 193, 204) }
```

Border

The CSS property to change the border of an element to XYZ 40.4503, 47.9028, 64.2410 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(138, 193, 204) }
```


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

```
.border{ border-color:rgb(138, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(138, 193,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4503, 47.9028, 64.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 193, 204) }
```

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

```
.background{ background-color: rgb(138,  
193, 204) }
```

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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