

Converting Colors

XYZ(39.9964, 43.3778, 57.9691)

Have a look what the booklet for
XYZ(39.9964, 43.3778, 57.9691)
contains.

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Color

**XYZ(40.0710, 43.4494,
57.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB3C3
RGB	158, 179, 195
RGB Percent	62%, 70%, 76%
CMY	0.3804, 0.2980, 0.2353
CMYK	0.19, 0.08, 0.00, 0.24
HSL	206°, 24%, 69%
HSV	206°, 19%, 76%
XYZ	40.0710, 43.4494, 57.9044
YIQ	174.5450, -17.6520, 0.5240

Conversions

Conversions Part 2

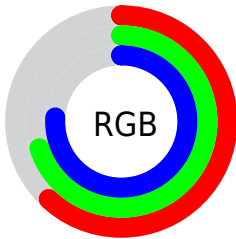
Format	Color
R_{YB}	158, 171, 195
Decimal	10400707
CIE _{Lab}	71.86, -3.79, -10.56
CIE _{LCh}	72, 11.214, 250.268
Yxy	43.4494, 0.2833, 0.3072
Android (android.graphics.Color)	4288590787 (0xFF9EB3C3)
YUV	174.5450, 10.0843, -14.5100
Hunter-Lab	65.9162, -6.8416, -5.9423

Details

The XYZ color **40.0710, 43.4494, 57.9044** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8138, 44.3430, 38.5986**, and the grayscale version is **40.4698, 42.5773, 46.3667**.

A 20% lighter version of the original color is **74.7196, 80.5911, 103.7129**, and **18.2124, 19.9090, 28.0822** is the 20% darker color. If you saturate the color by 10%, you get **34.8972, 38.3509, 57.1937**, and if you desaturate by 10%, it is **45.9594, 49.0720, 58.6800**.

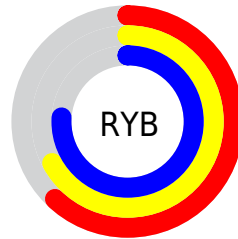
Distribution



Red (62%)

Green (70%)

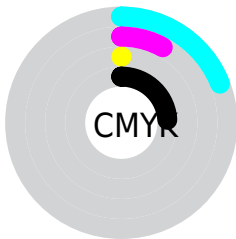
Blue (76%)



Red (62%)

Yellow (67%)

Blue (76%)

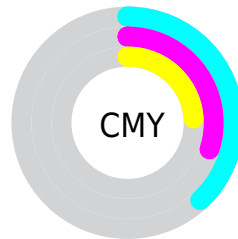


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (38%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0710, 43.4494, 57.9044 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 40.0710, 43.4494, 57.9044 by changing the saturation by 10% instead.

■ 40.0710, 43.4494,
57.9044

■ 40.0710, 43.4494,
57.9044

337.5520,
360.4567, 434.4179

■ 27.7784, 30.2379,
41.3176

■ 74.5553, 80.3886,
103.2970

■ 18.2983, 20.0192,
28.2458

■ 97.4776, 104.8850,
132.9399

■ 11.2653, 12.4090,
18.2704

124.6739,
133.9119, 167.7720

■ 6.3142, 7.0229,
10.9728

156.5095,
167.8536, 208.2117

■ 3.0795, 3.4764,
5.9346

193.3498,
207.0946, 254.6776

■ 1.1960, 1.3852,
2.7372

235.5600,

■ 0.1032, 0.2058,

252.0191, 307.5882

0.9621

283.5057,
303.0117, 367.3622

■ 0.0000, 0.0000,
0.0000

■ 40.0710, 43.4494,
57.9044

■ 40.0710, 43.4494,
57.9044

■ 34.8972, 38.3509,
57.1937

■ 45.9594, 49.0720,
58.6800

■ 30.4036, 33.7525,
56.5429

■ 52.5869, 55.2305,
59.5194

■ 26.5587, 29.6365,
55.9511

■ 59.9819, 61.9433,
60.4254

■ 23.3268, 25.9816,
55.4160

■ 68.1697, 69.2260,
61.3995

■ 20.6682, 22.7642,
54.9351

■ 76.9894, 76.9981,
62.4348

■ 18.5384, 19.9584,
54.5058

■ 79.2740, 81.5672,
63.1964

■ 16.8849, 17.5341,
54.1250

■ 81.6719, 86.3631,
63.9957

■ 15.6204, 15.4428,
53.7880

■ 84.1849, 91.3890,
64.8333

■ 15.5008, 15.2408,
53.7553

■ 86.8143, 96.6479,
65.7098

Harmonies

Analogous

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



38.5607, 43.4494, 54.4306



40.0710, 43.4494, 57.9044



41.9548, 43.4494, 58.4194

Triad

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



40.0710, 43.4494, 57.9044



45.0136, 43.4494, 45.4608



38.9711, 43.4494, 39.7360

Complementary

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



40.0710, 43.4494, 57.9044



43.8138, 44.3430, 38.5986

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.



40.6469, 43.4494, 37.7050



40.0710, 43.4494, 57.9044



44.1605, 43.4494, 40.8374

Square

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



40.0710, 43.4494, 57.9044



44.8479, 43.4494, 50.9459



42.5485, 43.4494, 38.0920



37.9393, 43.4494, 43.8494

Rectangle

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



40.0710, 43.4494, 57.9044



43.1743, 43.4494, 56.9765



42.5485, 43.4494, 38.0920



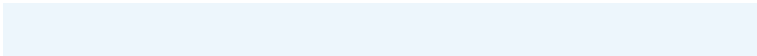
39.4756, 43.4494, 38.8020

Sweetspot

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



40.0723, 43.4512, 57.9054



85.5940, 90.9647, 105.5165



41.1998, 49.3335, 47.0987



18.5757, 19.7628, 23.0855



0.0000, 0.0000, 0.0000



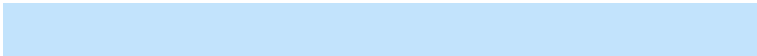
20.3446, 21.4041, 23.3091

Same Dimension

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



40.0723, 43.4512, 57.9054



67.5530, 73.7042, 103.1357



36.7113, 36.7292, 56.7850



9.9921, 10.6755, 12.8188



10.1594, 10.0753, 34.9659



0.5064, 0.5702, 1.5333

Inverse Universe

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



42.8703, 39.3116, 47.9781



73.5987, 65.1005, 81.6092



47.5094, 51.7342, 39.8305



10.3073, 10.1715, 11.7088



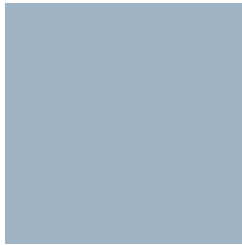
16.5240, 8.2993, 10.6712



0.7480, 0.3722, 0.6403

Previews

White Background



This preview shows how the XYZ color 40.0710, 43.4494, 57.9044 looks on a white background.

Color Contrast Check

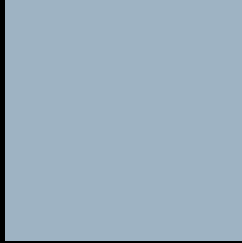
Large Text (above 18pt) WCAG AA × Fail

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 40.0710, 43.4494, 57.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

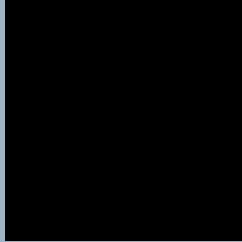
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

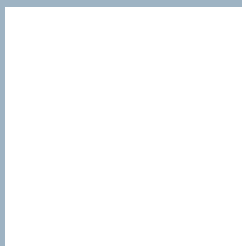
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0710, 43.4494, 57.9044

Background



This preview shows how black text looks on a background with the XYZ color 40.0710, 43.4494, 57.9044.



This preview shows how white text looks on a background with the XYZ color 40.0710, 43.4494,

57.9044.

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

40.0710, 43.4494, 57.9044

Protanopia

42.3000, 43.4644, 56.0292

Deuteranopia

44.1694, 43.2243, 58.8385



Tritanopia

39.9583, 43.4043, 57.3108

Trichromacy



Original Color

40.0710, 43.4494, 57.9044

Protanomaly

41.2994, 43.2258, 56.6188

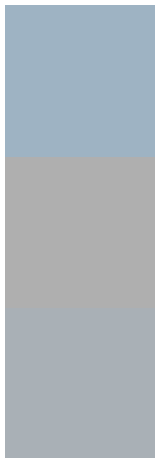
Deuteranomaly

42.5554, 43.2563, 58.3309

Tritanomaly

39.9583, 43.4043, 57.3108

Monochromacy



Original Color

40.0710, 43.4494, 57.9044

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.3310, 42.8631, 50.4037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0710, 43.4494, 57.9044 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(158, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(158, 179, 195)  
}
```

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(158, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 179, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.0710, 43.4494, 57.9044 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(158, 179, 195) }
```


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

```
.border{ border-color:rgb(158, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(158, 179,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0710, 43.4494, 57.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 179, 195) }
```

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

```
.background{ background-color: rgb(158,  
179, 195) }
```

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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