

Converting Colors

XYZ(40.0756, 44.2896, 51.4555)

Have a look what the booklet for
XYZ(40.0756, 44.2896, 51.4555)
contains.

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Color

**XYZ(39.9714, 44.1480,
51.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B5B7
RGB	162, 181, 183
RGB Percent	64%, 71%, 72%
CMY	0.3647, 0.2902, 0.2823
CMYK	0.11, 0.01, 0.00, 0.28
HSL	186°, 13%, 68%
HSV	186°, 11%, 72%
XYZ	39.9714, 44.1480, 51.2144
YIQ	175.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

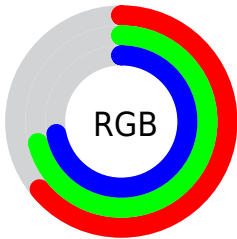
Format	Color
RYB	162, 172, 183
Decimal	10663351
CIELab	72.33, -6.12, -3.25
CIELCh	72, 6.926, 207.993
Yxy	44.1480, 0.2954, 0.3262
Android (android.graphics.Color)	4288853431 (0xFFA2B5B7)
YUV	175.5470, 3.6743, -11.8807
Hunter-Lab	66.4440, -8.8948, 0.8106

Details

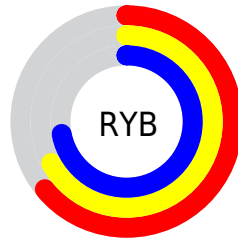
The XYZ color **39.9714, 44.1480, 51.2144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3257, 39.2267, 39.6820**, and the grayscale version is **41.0181, 43.1542, 46.9950**.

A 20% lighter version of the original color is **74.4794, 81.5521, 93.4770**, and **18.1788, 20.3650, 24.0918** is the 20% darker color. If you saturate the color by 10%, you get **36.1698, 41.6673, 50.9366**, and if you desaturate by 10%, it is **44.3209, 46.9202, 51.5209**.

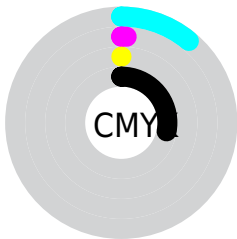
Distribution



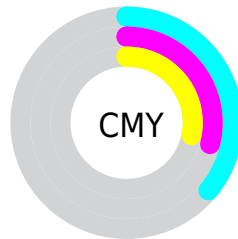
- Red (64%)
- Green (71%)
- Blue (72%)



- Red (64%)
- Yellow (67%)
- Blue (72%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9714, 44.1480, 51.2144 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 39.9714, 44.1480, 51.2144 by changing the saturation by 10% instead.

■ 39.9714, 44.1480,
51.2144

■ 39.9714, 44.1480,
51.2144

337.1395,
363.3119, 408.2665

■ 27.7004, 30.7869,
36.0014

■ 74.4046, 81.4404,
93.3864

■ 18.2392, 20.4366,
24.1455

■ 97.2974, 106.1405,
121.1823

■ 11.2226, 12.7128,
15.2284

124.4616,
135.3890, 154.0097

■ 6.2852, 7.2311,
8.8315

156.2624,
169.5703, 192.2871

■ 3.0615, 3.6070,
4.5361

193.0653,
209.0689, 236.4329

■ 1.1864, 1.4563,
1.9238

235.2355,

■ 0.0956, 0.2576,

254.2691, 286.8657

0.5078

283.1384,
305.5553, 344.0040

■ 0.0000, 0.0000,
0.0000

■ 39.9714, 44.1480,
51.2144

■ 39.9714, 44.1480,
51.2144

■ 36.1698, 41.6673,
50.9366

■ 44.3209, 46.9202,
51.5209

■ 32.8892, 39.4604,
50.6836

■ 49.2365, 49.9895,
51.8543

■ 30.1056, 37.5164,
50.4550

■ 54.7400, 53.3686,
52.2164

■ 27.7923, 35.8212,
50.2498

■ 60.8511, 57.0675,
52.6083

■ 25.9194, 34.3596,
50.0664

■ 67.5885, 61.0959,
53.0308

■ 24.4540, 33.1145,
49.9033

■ 68.5158, 62.1359,
53.1826

■ 23.3583, 32.0664,
49.7587

■ 68.8988, 62.9019,
53.3103

■ 22.5876, 31.1922,
49.6306

■ 69.2864, 63.6770,
53.4395

■ 22.1102, 30.5447,
49.5308

■ 69.6785, 64.4612,
53.5702

Harmonies

Analogous

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



39.7139, 44.1480, 47.8403



39.9714, 44.1480, 51.2144



40.7592, 44.1480, 53.8488

Triad

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



39.9714, 44.1480, 51.2144



43.9335, 44.1480, 51.6306



42.0416, 44.1480, 41.8082

Complementary

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



39.9714, 44.1480, 51.2144



39.3257, 39.2267, 39.6820

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.



43.1870, 44.1480, 42.7195



39.9714, 44.1480, 51.2144



44.2920, 44.1480, 48.2997

Square

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



39.9714, 44.1480, 51.2144



43.0455, 44.1480, 54.0970



44.0163, 44.1480, 45.0564



40.8956, 44.1480, 42.5075

Rectangle

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



39.9714, 44.1480, 51.2144



41.4867, 44.1480, 54.7748



44.0163, 44.1480, 45.0564



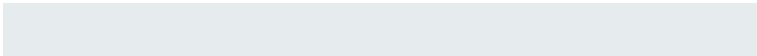
42.4396, 44.1480, 41.9354

Sweetspot

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



39.9727, 44.1498, 51.2154



78.0844, 83.2159, 92.1825



38.5128, 44.2204, 41.5100



17.1025, 18.2887, 20.3503



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.



39.9727, 44.1498, 51.2154



69.6165, 77.7946, 91.5824



37.9640, 40.1325, 50.5458



9.1917, 10.0607, 11.5369



15.4516, 21.3628, 34.5621



0.5661, 0.7958, 1.2255

Inverse Universe

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



40.7902, 39.2450, 49.1433



71.4061, 67.1319, 87.0303



41.2351, 43.0455, 40.3185



9.3431, 9.1476, 11.1542



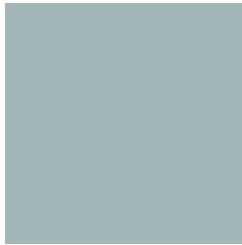
18.4129, 8.9389, 25.8590



0.6599, 0.3194, 0.9683

Previews

White Background



This preview shows how the XYZ color 39.9714, 44.1480, 51.2144 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 39.9714, 44.1480, 51.2144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

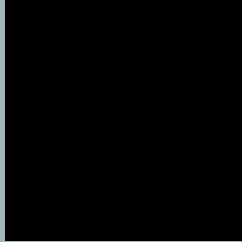
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

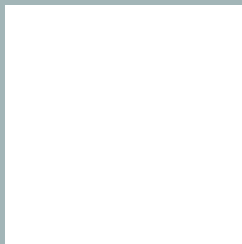
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9714, 44.1480, 51.2144

Background



This preview shows how black text looks on a background with the XYZ color 39.9714, 44.1480, 51.2144.



This preview shows how white text looks on a background with the XYZ color 39.9714, 44.1480,

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

39.9714, 44.1480, 51.2144

Protanopia

42.3540, 43.9297, 49.4270

Deuteranopia

44.9953, 44.0842, 52.0365



Tritanopia

41.1675, 44.0278, 57.3674

Trichromacy



Original Color

39.9714, 44.1480, 51.2144

Protanomaly

41.4945, 44.0612, 50.0337

Deuteranomaly

42.8041, 43.8239, 51.5502

Tritanomaly

40.7198, 44.1468, 55.0902

Monochromacy



Original Color

39.9714, 44.1480, 51.2144

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8517, 43.7534, 48.9400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9714, 44.1480, 51.2144 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, 181, 183)` looks like.

```
.text, #text, p{  
    color:rgb(162, 181, 183)  
}
```

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, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 181, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.9714, 44.1480, 51.2144 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, 181, 183) }
```


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

```
.border{ border-color:rgb(162, 181, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(162, 181,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9714, 44.1480, 51.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 181, 183) }
```

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

```
.background{ background-color: rgb(162,  
181, 183) }
```

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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