

Converting Colors

XYZ(39.7990, 44.1607, 47.3026)

Have a look what the booklet for
XYZ(39.7990, 44.1607, 47.3026)
contains.

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Color

**XYZ(39.8774, 44.1817,
47.5004)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B5B0
RGB	165, 181, 176
RGB Percent	65%, 71%, 69%
CMY	0.3529, 0.2902, 0.3098
CMYK	0.09, 0.00, 0.03, 0.29
HSL	161°, 10%, 68%
HSV	161°, 9%, 71%
XYZ	39.8774, 44.1817, 47.5004
YIQ	175.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

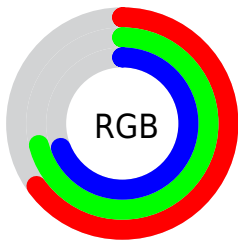
Format	Color
RYB	165, 174, 181
Decimal	10859952
CIELab	72.35, -6.51, 0.64
CIELCh	72, 6.538, 174.363
Yxy	44.1817, 0.3031, 0.3358
Android (android.graphics.Color)	4289050032 (0xFFA5B5B0)
YUV	175.6460, 0.1745, -9.3365
Hunter-Lab	66.4693, -9.2326, 4.1586

Details

The XYZ color **39.8774, 44.1817, 47.5004** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7685, 39.6375, 43.5871**, and the grayscale version is **41.0857, 43.2253, 47.0724**.

A 20% lighter version of the original color is **74.3649, 81.6102, 88.1768**, and **18.1673, 20.4043, 22.0497** is the 20% darker color. If you saturate the color by 10%, you get **35.8277, 42.1586, 44.4494**, and if you desaturate by 10%, it is **44.4858, 46.4926, 50.7013**.

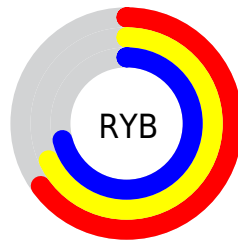
Distribution



Red (65%)

Green (71%)

Blue (69%)



Red (65%)

Yellow (68%)

Blue (71%)

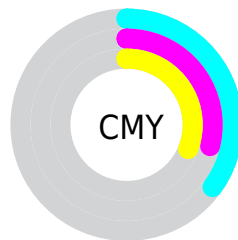


Cyan (9%)

Magenta (0%)

Yellow (3%)

Black (29%)



Cyan (35%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8774, 44.1817, 47.5004 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 39.8774, 44.1817, 47.5004 by changing the saturation by 10% instead.

■ 39.8774, 44.1817,
47.5004

■ 39.8774, 44.1817,
47.5004

336.7498,
363.4492, 393.2598

■ 27.6268, 30.8134,
33.0742

■ 74.2623, 81.4911,
87.8179

■ 18.1835, 20.4568,
21.9117

■ 97.1273, 106.2009,
114.5463

■ 11.1823, 12.7275,
13.5944

124.2611,
135.4601, 146.2125

■ 6.2578, 7.2412,
7.7036

156.0291,
169.6530, 183.2351

■ 3.0446, 3.6134,
3.8208

192.7966,
209.1639, 226.0325

■ 1.1774, 1.4597,
1.5276

234.9290,

■ 0.0884, 0.2601,

254.3773, 275.0235

0.2383

282.7916,
305.6776, 330.6264

■ 0.0000, 0.0000,
0.0000

■ 39.8774, 44.1817,
47.5004

■ 39.8774, 44.1817,
47.5004

■ 35.8277, 42.1586,
44.4494

■ 44.4858, 46.4926,
50.7013

■ 32.3105, 40.4061,
41.5428

■ 49.6703, 49.0965,
54.0515

■ 29.3028, 38.9136,
38.7789

■ 55.4524, 52.0058,
57.5544

■ 26.7786, 37.6678,
36.1550

■ 61.8511, 55.2301,
61.2122

■ 24.7095, 36.6541,
33.6683

■ 68.6992, 58.6833,
65.0186

■ 23.0641, 35.8562,
31.3157

■ 69.3918, 58.9603,
68.6657

■ 21.8068, 35.2559,
29.0938

■ 70.1093, 59.2473,
72.4441

■ 20.8958, 34.8317,
26.9992

■ 70.8521, 59.5444,
76.3551

■ 20.2573, 34.5455,
25.0266

■ 71.6202, 59.8516,
80.4001

Harmonies

Analogous

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



40.2599, 44.1817, 44.5865



39.8774, 44.1817, 47.5004



40.0536, 44.1817, 50.7072

Triad

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



39.8774, 44.1817, 47.5004



42.8920, 44.1817, 53.9730



43.2663, 44.1817, 43.2454

Complementary

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



39.8774, 44.1817, 47.5004



39.7685, 39.6375, 43.5871

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.



43.9948, 44.1817, 45.5960



39.8774, 44.1817, 47.5004



43.7759, 44.1817, 51.8067

Square

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



39.8774, 44.1817, 47.5004



41.7813, 44.1817, 54.5382



44.1829, 44.1817, 48.7175



42.2062, 44.1817, 42.2012

Rectangle

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



39.8774, 44.1817, 47.5004



40.4659, 44.1817, 52.5690



44.1829, 44.1817, 48.7175



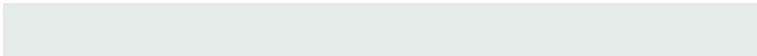
43.5588, 44.1817, 43.9037

Sweetspot

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



39.8787, 44.1836, 47.5014



76.0724, 81.4592, 88.3557



39.9088, 44.3198, 42.0491



16.2987, 17.5344, 18.9976



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.8787, 44.1836, 47.5014



69.6308, 78.2334, 83.7656



39.7926, 43.2046, 49.9604



8.6273, 9.5854, 10.2970



13.9497, 23.8058, 17.2695



0.4638, 0.7590, 0.6743

Inverse Universe

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



39.7685, 39.6375, 43.5871



69.3854, 68.0966, 75.0384



39.8394, 40.5223, 41.3198



8.6022, 8.5476, 9.4034



13.6669, 6.9843, 3.4060



0.4570, 0.2306, 0.2493

Previews

White Background



This preview shows how the XYZ color 39.8774, 44.1817, 47.5004 looks on a white background.

Color Contrast Check

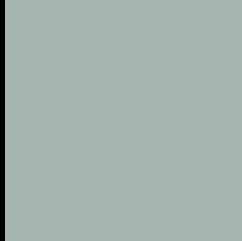
Large Text (above 18pt) WCAG AA × Fail

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 39.8774, 44.1817, 47.5004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

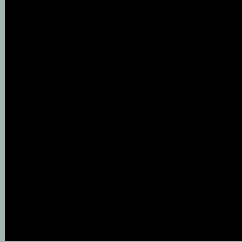
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

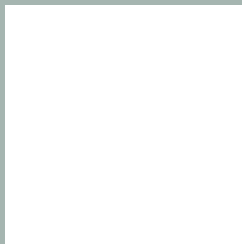
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8774, 44.1817, 47.5004

Background



This preview shows how black text looks on a background with the XYZ color 39.8774, 44.1817, 47.5004.



This preview shows how white text looks on a background with the XYZ color 39.8774, 44.1817,

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

39.8774, 44.1817, 47.5004

Protanopia

42.1242, 43.8916, 45.7869

Deuteranopia

45.0365, 44.1887, 48.2751



Tritanopia

41.6945, 44.0159, 56.7505

Trichromacy



Original Color

39.8774, 44.1817, 47.5004

Protanomaly

41.2396, 44.0107, 46.3658

Deuteranomaly

42.7942, 43.9015, 47.8133

Tritanomaly

41.0261, 44.0435, 53.3527

Monochromacy



Original Color

39.8774, 44.1817, 47.5004

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7701, 43.7460, 47.3693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8774, 44.1817, 47.5004 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(165, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 176)  
}
```

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(165, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 176) }
```

Border

The CSS property to change the border of an element to XYZ 39.8774, 44.1817, 47.5004 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(165, 181, 176) }
```


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

```
.border{ border-color:rgb(165, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(165, 181,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8774, 44.1817, 47.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 176) }
```

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

```
.background{ background-color: rgb(165,  
181, 176) }
```

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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