

Converting Colors

XYZ(43.7869, 48.0958, 51.2166)

Have a look what the booklet for
XYZ(43.7869, 48.0958, 51.2166)
contains.

XYZ(43.6694, 47.9167, 51.2032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.6694, 47.9167,
51.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBBB6
RGB	174, 187, 182
RGB Percent	68%, 73%, 71%
CMY	0.3176, 0.2667, 0.2863
CMYK	0.07, 0.00, 0.03, 0.27
HSL	157°, 9%, 71%
HSV	157°, 7%, 73%
XYZ	43.6694, 47.9167, 51.2032
YIQ	182.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

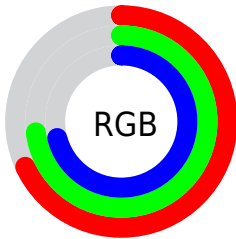
Format	Color
RYB	174, 182, 187
Decimal	11451318
CIELab	74.77, -5.44, 0.98
CIELCh	75, 5.529, 169.833
Yxy	47.9167, 0.3058, 0.3356
Android (android.graphics.Color)	4289641398 (0xFFFAEBB6)
YUV	182.5430, -0.2677, -7.4922
Hunter-Lab	69.2219, -8.5296, 4.5987

Details

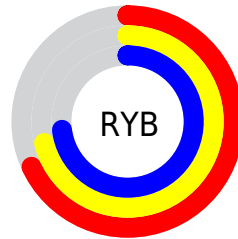
The XYZ color **43.6694, 47.9167, 51.2032** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7680, 44.0929, 48.8541**, and the grayscale version is **44.7645, 47.0958, 51.2873**.

A 20% lighter version of the original color is **79.7963, 86.9322, 93.4628**, and **20.5136, 22.7727, 24.0833** is the 20% darker color. If you saturate the color by 10%, you get **39.0655, 45.6284, 47.2059**, and if you desaturate by 10%, it is **48.8943, 50.5234, 55.4310**.

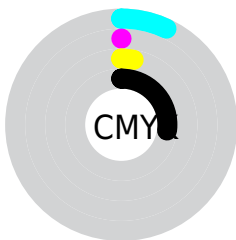
Distribution



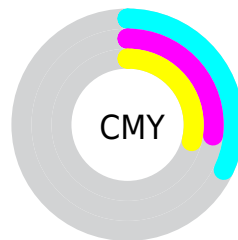
- Red (68%)
- Green (73%)
- Blue (71%)



- Red (68%)
- Yellow (71%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (32%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6694, 47.9167, 51.2032 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 43.6694, 47.9167, 51.2032 by changing the saturation by 10% instead.

■ 43.6694, 47.9167,
51.2032

■ 43.6694, 47.9167,
51.2032

352.2325,
378.4619, 408.2218

■ 30.6075, 33.7609,
35.9925

■ 79.9695, 87.0804,
93.3696

■ 20.4505, 22.7100,
24.1388

103.9383,
112.8570, 121.1625

■ 12.8331, 14.3795,
15.2234

132.2736,
143.2762, 153.9864

■ 7.3899, 8.3851,
8.8280

165.3405,
178.7221, 192.2600

■ 3.7556, 4.3423,
4.5339

203.5045,
219.5792, 236.4018

■ 1.5648, 1.8668,
1.9226

247.1309,

■ 0.3693, 0.5283,

266.2320, 286.8303

0.5070

296.5852,
319.0647, 343.9642

■ 0.0000, 0.0000,
0.0000

■ 43.6694, 47.9167,
51.2032

■ 43.6694, 47.9167,
51.2032

■ 39.0655, 45.6284,
47.2059

■ 48.8943, 50.5234,
55.4310

■ 35.0541, 43.6398,
43.4319

■ 54.7591, 53.4542,
59.8901

■ 31.6105, 41.9397,
39.8780

■ 61.2869, 56.7223,
64.5854

■ 28.7067, 40.5136,
36.5397

■ 68.4985, 60.3382,
69.5208

■ 26.3121, 39.3459,
33.4124

■ 71.6631, 61.8632,
74.4774

■ 24.3931, 38.4192,
30.4914

■ 72.6253, 62.2481,
79.5444

■ 22.9116, 37.7141,
27.7714

■ 73.6289, 62.6495,
84.8294

■ 21.8235, 37.2080,
25.2469

■ 74.6744, 63.0677,
90.3348

■ 21.0679, 36.8693,
22.9116

■ 75.7622, 63.5028,
96.0634

Harmonies

Analogous

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



44.0840, 47.9167, 48.6874



43.6694, 47.9167, 51.2032



43.7513, 47.9167, 54.0716

Triad

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



43.6694, 47.9167, 51.2032



46.2015, 47.9167, 57.5491



46.8001, 47.9167, 48.0610

Complementary

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



43.6694, 47.9167, 51.2032



43.7680, 44.0929, 48.8541

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.



47.3837, 47.9167, 50.3196



43.6694, 47.9167, 51.2032



47.0347, 47.9167, 55.8214

Square

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



43.6694, 47.9167, 51.2032



45.2034, 47.9167, 57.8069



47.4702, 47.9167, 53.1553



45.8850, 47.9167, 46.9179

Rectangle

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



43.6694, 47.9167, 51.2032



44.0769, 47.9167, 55.7956



47.4702, 47.9167, 53.1553



47.0421, 47.9167, 48.7110

Sweetspot

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



43.6708, 47.9187, 51.2043



82.6726, 88.0417, 95.3754



44.0486, 48.2064, 47.0283



18.2272, 19.3989, 21.0205



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.6708, 47.9187, 51.2043



77.1835, 85.3067, 90.8387



43.9226, 47.5801, 53.8850



9.6488, 10.7456, 11.3999



14.4142, 25.3560, 15.5099



0.5957, 1.0056, 0.7711

Inverse Universe

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



43.7680, 44.0929, 48.8541



77.3856, 77.3590, 85.9567



43.5235, 44.3989, 46.3211



9.6780, 9.5955, 10.6934



14.9580, 7.6143, 5.0722



0.6181, 0.3111, 0.3681

Previews

White Background



This preview shows how the XYZ color 43.6694, 47.9167, 51.2032 looks on a white background.

Color Contrast Check

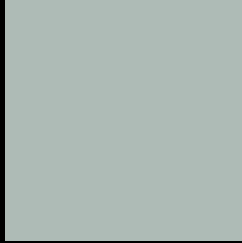
Large Text (above 18pt) WCAG AA × Fail

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 43.6694, 47.9167, 51.2032 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

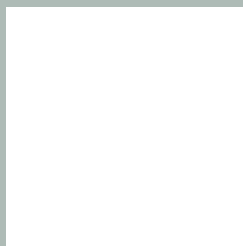
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6694, 47.9167, 51.2032

Background



This preview shows how black text looks on a background with the XYZ color 43.6694, 47.9167, 51.2032.



This preview shows how white text looks on a background with the XYZ color 43.6694, 47.9167,

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

43.6694, 47.9167, 51.2032

Protanopia

45.9107, 47.8536, 49.9969

Deuteranopia

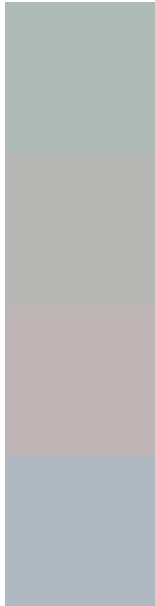
48.6595, 47.7190, 51.9935



Tritanopia

45.5808, 47.7516, 60.8474

Trichromacy



Original Color

43.6694, 47.9167, 51.2032

Protanomaly

45.0094, 47.6845, 50.5478

Deuteranomaly

46.5570, 47.5430, 51.5226

Tritanomaly

44.8791, 47.7783, 57.3088

Monochromacy



Original Color

43.6694, 47.9167, 51.2032

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5101, 47.4032, 51.6035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6694, 47.9167, 51.2032 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(174, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(174, 187, 182)  
}
```

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(174, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 187, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.6694, 47.9167, 51.2032 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(174, 187, 182) }
```


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

```
.border{ border-color:rgb(174, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(174, 187,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6694, 47.9167, 51.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 187, 182) }
```

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

```
.background{ background-color: rgb(174,  
187, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor