

Converting Colors

XYZ(43.8447, 47.5672, 63.9318)

Have a look what the booklet for
XYZ(43.8447, 47.5672, 63.9318)
contains.

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Color

**XYZ(43.9792, 47.7928,
64.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BBCC
RGB	164, 187, 204
RGB Percent	64%, 73%, 80%
CMY	0.3569, 0.2667, 0.2000
CMYK	0.20, 0.08, 0.00, 0.20
HSL	205°, 28%, 72%
HSV	205°, 20%, 80%
XYZ	43.9792, 47.7928, 64.0337
YIQ	182.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

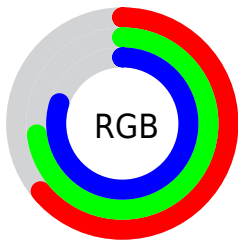
Format	Color
RYB	164, 179, 204
Decimal	10795980
CIELab	74.69, -4.19, -11.19
CIELCh	75, 11.954, 249.461
Yxy	47.7928, 0.2823, 0.3067
Android (android.graphics.Color)	4288986060 (0xFFA4BBCC)
YUV	182.0610, 10.8159, -15.8395
Hunter-Lab	69.1323, -7.4271, -6.5246

Details

The XYZ color **43.9792, 47.7928, 64.0337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1269, 48.5653, 41.9603**, and the grayscale version is **44.4482, 46.7630, 50.9249**.

A 20% lighter version of the original color is **79.3140, 86.3813, 107.1007**, and **20.7122, 22.6969, 32.1435** is the 20% darker color. If you saturate the color by 10%, you get **38.3186, 42.2276, 63.2586**, and if you desaturate by 10%, it is **50.4290, 53.9321, 64.8795**.

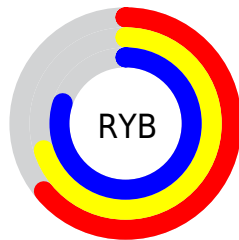
Distribution



Red (64%)

Green (73%)

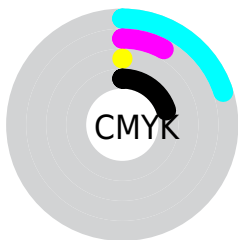
Blue (80%)



Red (64%)

Yellow (70%)

Blue (80%)

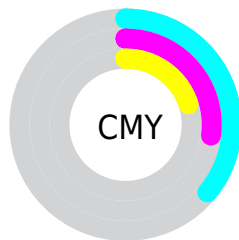


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (20%)



Cyan (36%)

Magenta (27%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9792, 47.7928, 64.0337 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 43.9792, 47.7928, 64.0337 by changing the saturation by 10% instead.

■ 43.9792, 47.7928,
64.0337

■ 43.9792, 47.7928,
64.0337

353.4770,
377.9702, 457.5221

■ 30.8520, 33.6628,
46.2316

■ 80.4330, 86.8958,
112.2594

■ 20.6374, 22.6347,
32.0786

■ 104.4903,
112.6377, 143.5201

■ 12.9702, 14.3240,
21.1563

132.9216,
143.0189, 180.1041

■ 7.4849, 8.3464,
13.0459

166.0924,
178.4240, 222.4299

■ 3.8162, 4.3174,
7.3291

204.3680,
219.2373, 270.9160

■ 1.5987, 1.8526,
3.5872

248.1137,

■ 0.3915, 0.5197,

265.8431, 325.9811

1.4017

297.6950,
318.6260, 388.0436

■ 0.0000, 0.0000,
0.1431

■ 0.0000, 0.0000,
0.0000

■ 43.9792, 47.7928,
64.0337

■ 43.9792, 47.7928,
64.0337

■ 38.3186, 42.2276,
63.2586

■ 50.4290, 53.9321,
64.8795

■ 33.4088, 37.2101,
62.5489

■ 57.6956, 60.6590,
65.7950

■ 29.2145, 32.7205,
61.9034

■ 65.8105, 67.9934,
66.7830

■ 25.6956, 28.7350,
61.3196

■ 74.8020, 75.9529,
67.8454

■ 22.8078, 25.2276,
60.7948

■ 80.5329, 82.4071,
68.7891

■ 20.5006, 22.1691,
60.3261

■ 83.0106, 87.3624,
69.6150

■ 18.7150, 19.5257,
59.9100

■ 85.6100, 92.5611,
70.4815

■ 17.3470, 17.2404,
59.5409

■ 87.8992, 97.1397,
71.2445

■ 17.2971, 17.1555,
59.5272

Harmonies

Analogous

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



42.2836, 47.7928, 59.9981



43.9792, 47.7928, 64.0337



46.1141, 47.7928, 64.7208

Triad

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



43.9792, 47.7928, 64.0337



49.6615, 47.7928, 50.1009



42.8282, 47.7928, 43.3570

Complementary

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



43.9792, 47.7928, 64.0337



48.1269, 48.5653, 41.9603

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.



44.7440, 47.7928, 41.1311



43.9792, 47.7928, 64.0337



48.7196, 47.7928, 44.8155

Square

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



43.9792, 47.7928, 64.0337



49.4409, 47.7928, 56.3388



46.9034, 47.7928, 41.6430



41.6339, 47.7928, 47.9623

Rectangle

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



43.9792, 47.7928, 64.0337



47.5062, 47.7928, 63.1368



46.9034, 47.7928, 41.6430



43.4067, 47.7928, 42.3230

Sweetspot

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



43.9806, 47.7948, 64.0348



87.6043, 93.1345, 107.9673



45.2099, 54.4016, 51.6556



18.5840, 19.7794, 23.0883



0.0000, 0.0000, 0.0000



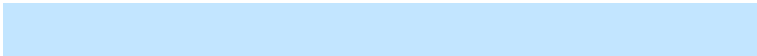
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9806, 47.7948, 64.0348



68.2645, 74.6981, 105.4280



40.0896, 40.0128, 62.7378



11.1284, 11.8973, 14.2802



10.9808, 10.9856, 37.4980



0.6407, 0.7152, 1.9592

Inverse Universe

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



47.1480, 42.9772, 52.8264



74.6293, 65.4114, 82.8165



52.4125, 57.1366, 43.3889



11.4782, 11.3200, 13.0527



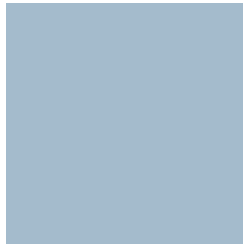
17.7535, 8.9120, 11.6866



0.9534, 0.4748, 0.8003

Previews

White Background



This preview shows how the XYZ color 43.9792, 47.7928, 64.0337 looks on a white background.

Color Contrast Check

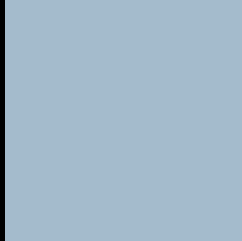
Large Text (above 18pt) WCAG AA × Fail

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 43.9792, 47.7928, 64.0337 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

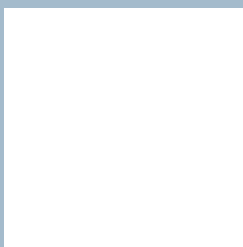
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9792, 47.7928, 64.0337

Background



This preview shows how black text looks on a background with the XYZ color 43.9792, 47.7928, 64.0337.



This preview shows how white text looks on a background with the XYZ color 43.9792, 47.7928,

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

43.9792, 47.7928, 64.0337

Protanopia

46.5620, 47.6180, 61.9955

Deuteranopia

48.7465, 47.7728, 65.0444



Tritanopia

43.7408, 47.6974, 62.7783

Trichromacy



Original Color

43.9792, 47.7928, 64.0337

Protanomaly

45.4804, 47.6592, 62.6792

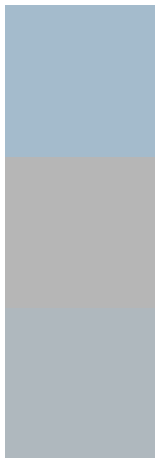
Deuteranomaly

46.8034, 47.6874, 64.4954

Tritanomaly

43.8597, 47.7450, 63.4040

Monochromacy



Original Color

43.9792, 47.7928, 64.0337

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.1139, 47.1126, 55.4838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9792, 47.7928, 64.0337 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(164, 187, 204)` looks like.

```
.text, #text, p{  
    color:rgb(164, 187, 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(164, 187, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 187, 204) }
```

Border

The CSS property to change the border of an element to XYZ 43.9792, 47.7928, 64.0337 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(164, 187, 204) }
```


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

```
.border{ border-color:rgb(164, 187, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 187, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 187, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 187, 204);  
box-shadow:4px 4px 4px 4px rgb(164, 187,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9792, 47.7928, 64.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 187, 204) }
```

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

```
.background{ background-color: rgb(164,  
187, 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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