

Converting Colors

XYZ(44.8717, 47.3902, 58.6351)

Have a look what the booklet for
XYZ(44.8717, 47.3902, 58.6351)
contains.

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Color

**XYZ(44.8953, 47.4512,
58.4225)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B8C3
RGB	176, 184, 195
RGB Percent	69%, 72%, 76%
CMY	0.3098, 0.2784, 0.2353
CMYK	0.10, 0.06, 0.00, 0.24
HSL	215°, 14%, 73%
HSV	215°, 10%, 76%
XYZ	44.8953, 47.4512, 58.4225
YIQ	182.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

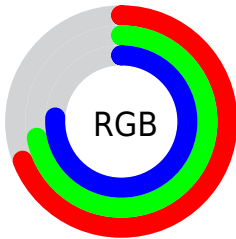
Format	Color
R_{YB}	176, 182, 195
Decimal	11581635
CIE Lab	74.48, -0.59, -6.52
CIE LCh	74, 6.550, 264.800
Yxy	47.4512, 0.2978, 0.3147
Android (android.graphics.Color)	4289771715 (0xFFB0B8C3)
YUV	182.8620, 5.9840, -6.0180
Hunter-Lab	68.8848, -4.2121, -2.0656

Details

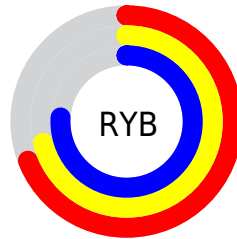
The XYZ color **44.8953, 47.4512, 58.4225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1127, 50.2770, 48.2438**, and the grayscale version is **44.9068, 47.2454, 51.4502**.

A 20% lighter version of the original color is **82.0095, 86.5043, 104.4701**, and **21.0924, 22.3666, 28.4048** is the 20% darker color. If you saturate the color by 10%, you get **38.5475, 40.8371, 57.4812**, and if you desaturate by 10%, it is **52.0664, 54.7700, 59.4579**.

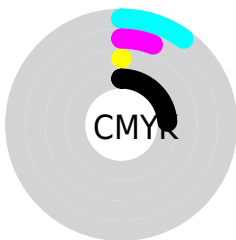
Distribution



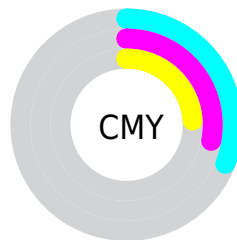
- Red (69%)
- Green (72%)
- Blue (76%)



- Red (69%)
- Yellow (71%)
- Blue (76%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8953, 47.4512, 58.4225 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 44.8953, 47.4512, 58.4225 by changing the saturation by 10% instead.

■ 44.8953, 47.4512,
58.4225

■ 44.8953, 47.4512,
58.4225

357.1402,
376.6127, 436.4006

■ 31.5759, 33.3925,
41.7315

■ 81.8013, 86.3867,
104.0587

■ 21.1917, 22.4273,
28.5671

106.1186,
112.0323, 133.8410

■ 13.3775, 14.1712,
18.5108

134.8326,
142.3090, 168.8240

■ 7.7678, 8.2398,
11.1441

168.3086,
177.6012, 209.4265

■ 3.9973, 4.2488,
6.0485

206.9121,
218.2933, 256.0668

■ 1.7006, 1.8137,
2.8053

251.0082,

■ 0.4566, 0.4957,

264.7696, 309.1636

0.9961

300.9625,
317.4146, 369.1353

■ 0.0000, 0.0000,
0.0000

■ 44.8953, 47.4512,
58.4225

■ 44.8953, 47.4512,
58.4225

■ 38.5475, 40.8371,
57.4812

■ 52.0664, 54.7700,
59.4579

■ 32.9875, 34.8992,
56.6281

■ 60.0860, 62.8088,
60.5869

■ 28.1834, 29.6155,
55.8614

■ 68.9835, 71.5902,
61.8130

■ 24.0995, 24.9608,
55.1782

■ 78.7855, 81.1338,
63.1384

■ 20.6968, 20.9076,
54.5752

■ 82.3797, 87.7786,
64.2316

■ 17.9323, 17.4263,
54.0490

■ 85.8145, 94.6483,
65.3765

■ 15.7575, 14.4839,
53.5956

■ 86.8505, 96.7202,
65.7218

■ 14.1159, 12.0428,
53.2110

■ 12.9060, 10.0420,
52.8886

Harmonies

Analogous

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



43.8037, 47.4512, 57.1690



44.8953, 47.4512, 58.4225



46.0609, 47.4512, 57.8023

Triad

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



44.8953, 47.4512, 58.4225



47.1955, 47.4512, 48.9842



43.2694, 47.4512, 48.0048

Complementary

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



44.8953, 47.4512, 58.4225



48.1127, 50.2770, 48.2438

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.



44.1544, 47.4512, 45.9806



44.8953, 47.4512, 58.4225



46.4236, 47.4512, 46.5285

Square

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



44.8953, 47.4512, 58.4225



47.4021, 47.4512, 52.2584



45.3072, 47.4512, 45.4521



42.8755, 47.4512, 51.0787

Rectangle

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



44.8953, 47.4512, 58.4225



46.7212, 47.4512, 56.4233



45.3072, 47.4512, 45.4521



43.5186, 47.4512, 47.1845

Sweetspot

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



44.8967, 47.4532, 58.4236



88.8430, 93.6228, 105.8583



46.3651, 51.8390, 54.4459



19.2228, 20.2653, 23.1484



0.0000, 0.0000, 0.0000



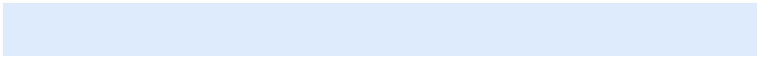
20.3446, 21.4041, 23.3091

Same Dimension

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



44.8967, 47.4532, 58.4236



77.4983, 81.9795, 104.2088



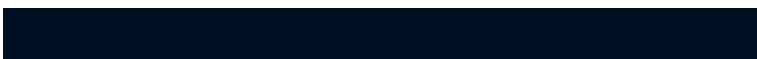
43.5688, 44.3701, 57.8985



9.8692, 10.4297, 12.7778



8.4491, 6.6547, 34.3958



0.4332, 0.4237, 1.5088

Inverse Universe

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



46.6838, 46.1144, 51.7902



81.4540, 79.0983, 89.5078



49.5321, 53.5997, 48.8103



10.2453, 10.1467, 11.3821



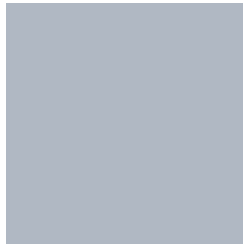
15.6607, 7.9540, 6.1253



0.7110, 0.3574, 0.4456

Previews

White Background



This preview shows how the XYZ color 44.8953, 47.4512, 58.4225 looks on a white background.

Color Contrast Check

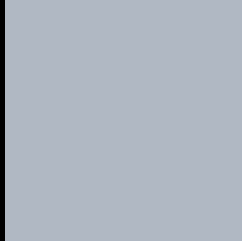
Large Text (above 18pt) WCAG AA × Fail

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 44.8953, 47.4512, 58.4225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

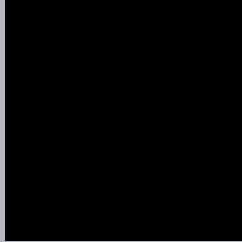
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

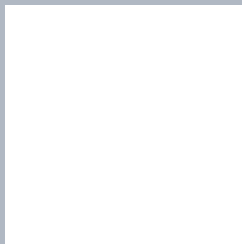
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.8953, 47.4512, 58.4225

Background



This preview shows how black text looks on a background with the XYZ color 44.8953, 47.4512, 58.4225.

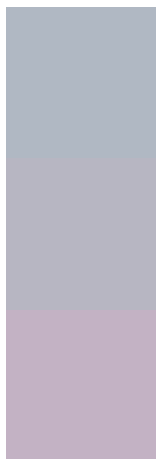


This preview shows how white text looks on a background with the XYZ color 44.8953, 47.4512,

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

44.8953, 47.4512, 58.4225

Protanopia

45.9940, 47.4182, 57.7674

Deuteranopia

48.3899, 47.4284, 58.8287



Tritanopia

45.4650, 47.7053, 60.2379

Trichromacy



Original Color

44.8953, 47.4512, 58.4225

Protanomaly

45.4935, 47.4653, 57.8029

Deuteranomaly

47.0241, 47.3194, 58.8797

Tritanomaly

45.3500, 47.6593, 59.6323

Monochromacy



Original Color

44.8953, 47.4512, 58.4225

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7255, 47.1581, 53.7588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8953, 47.4512, 58.4225 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(176, 184, 195) looks like.

```
.text, #text, p{  
    color:rgb(176, 184, 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(176, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 184, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.8953, 47.4512, 58.4225 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(176, 184, 195) }
```


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

```
.border{ border-color:rgb(176, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(176, 184,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8953, 47.4512, 58.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 184, 195) }
```

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

```
.background{ background-color: rgb(176,  
184, 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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