

Converting Colors

XYZ(30.4021, 32.2551, 48.7716)

Have a look what the booklet for
XYZ(30.4021, 32.2551, 48.7716)
contains.

XYZ(30.4853, 32.3886, 48.9008)	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(30.4853, 32.3886,
48.9008)**

Conversions

Conversions Part 1

Format	Color
Hex	889CB6
RGB	136, 156, 182
RGB Percent	53%, 61%, 71%
CMY	0.4667, 0.3882, 0.2863
CMYK	0.25, 0.14, 0.00, 0.29
HSL	214°, 24%, 62%
HSV	214°, 25%, 71%
XYZ	30.4853, 32.3886, 48.9008
YIQ	152.9840, -20.2660, 3.8460

Conversions

Conversions Part 2

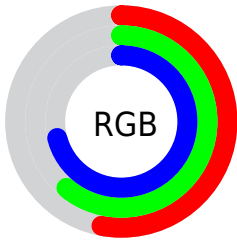
Format	Color
R_{YB}	136, 150, 182
Decimal	8953014
CIE _{Lab}	63.66, -1.12, -15.81
CIE _{LCh}	64, 15.851, 265.964
Yxy	32.3886, 0.2727, 0.2898
Android (android.graphics.Color)	4287143094 (0xFF889CB6)
YUV	152.9840, 14.3049, -14.8950
Hunter-Lab	56.9110, -3.9778, -11.1073

Details

The XYZ color **30.4853, 32.3886, 48.9008** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6560, 37.5634, 28.6118**, and the grayscale version is **30.2182, 31.7919, 34.6213**.

A 20% lighter version of the original color is **59.7144, 63.2134, 89.9430**, and **12.7603, 13.6194, 22.7251** is the 20% darker color. If you saturate the color by 10%, you get **26.1233, 27.6858, 48.2235**, and if you desaturate by 10%, it is **35.4975, 37.6452, 49.6518**.

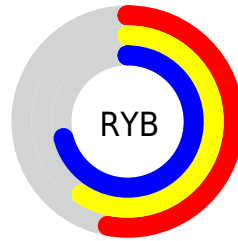
Distribution



Red (53%)

Green (61%)

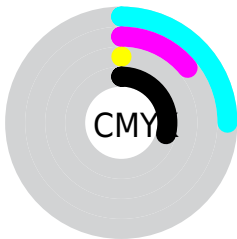
Blue (71%)



Red (53%)

Yellow (59%)

Blue (71%)

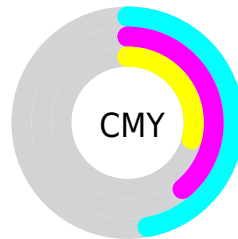


Cyan (25%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4853, 32.3886, 48.9008 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 30.4853, 32.3886, 48.9008 by changing the saturation by 10% instead.

■ 30.4853, 32.3886,
48.9008

■ 30.4853, 32.3886,
48.9008

296.0294,
312.8857, 398.9629

■ 20.3571, 21.6585,
34.1757

■ 59.8102, 63.4198,
89.9236

■ 12.7647, 13.6062,
22.7502

■ 79.7376, 84.4897,
117.0584

■ 7.3426, 7.8473,
14.2056

■ 103.6622,
109.7749, 149.1668

■ 3.7255, 3.9974,
8.1234

131.9492,
139.6599, 186.6675

■ 1.5480, 1.6721,
4.0851

164.9641,
174.5291, 229.9789

■ 0.3582, 0.4055,
1.6722

203.0722,

■ 0.0000, 0.0000,

214.7669, 279.5195

0.3415

246.6389,
260.7576, 335.7080

■ 0.0000, 0.0000,
0.0000

■ 30.4853, 32.3886,
48.9008

■ 30.4853, 32.3886,
48.9008

■ 26.1233, 27.6858,
48.2235

■ 35.4975, 37.6452,
49.6518

■ 22.3794, 23.5125,
47.6153

■ 41.1838, 43.4707,
50.4765

■ 19.2234, 19.8484,
47.0744

■ 47.5707, 49.8846,
51.3779

■ 16.6210, 16.6700,
46.5981

■ 54.6823, 56.9040,
52.3580

■ 14.5339, 13.9515,
46.1833

■ 62.5413, 64.5454,
53.4187

■ 12.9185, 11.6640,
45.8270

■ 71.1697, 72.8248,
54.5620

■ 11.7215, 9.7734,
45.5251

■ 77.4291, 80.1284,
55.6418

■ 11.2495, 8.9893,
45.3987

■ 80.3438, 85.9578,
56.6134

■ 83.4297, 92.1296,
57.6420

Harmonies

Analogous

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



28.4593, 32.3886, 46.3820



30.4853, 32.3886, 48.9008



32.6888, 32.3886, 47.4213

Triad

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



30.4853, 32.3886, 48.9008



34.7786, 32.3886, 30.1858



27.3850, 32.3886, 28.8637

Complementary

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



30.4853, 32.3886, 48.9008



36.6560, 37.5634, 28.6118

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.



28.9554, 32.3886, 25.3880



30.4853, 32.3886, 48.9008



33.2328, 32.3886, 26.0846

Square

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



30.4853, 32.3886, 48.9008



35.2359, 32.3886, 36.1320



31.0854, 32.3886, 24.4347



26.7246, 32.3886, 34.4133

Rectangle

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



30.4853, 32.3886, 48.9008



33.9521, 32.3886, 44.4517



31.0854, 32.3886, 24.4347



27.8201, 32.3886, 27.4413

Sweetspot

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



30.4863, 32.3899, 48.9015



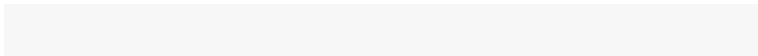
71.5874, 75.6815, 91.0707



33.3415, 41.2745, 40.0673



15.4626, 16.3594, 20.0643



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.



30.4863, 32.3899, 48.9015



50.9876, 54.1361, 87.9977



27.7793, 26.4154, 47.8910



8.8337, 9.3446, 11.4175



8.0079, 6.4755, 32.0809



0.3441, 0.3518, 1.1515

Inverse Universe

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



34.0971, 29.9545, 35.4387



58.6835, 49.3331, 59.2167



39.9251, 44.9014, 29.8559



9.1624, 9.0753, 10.2027



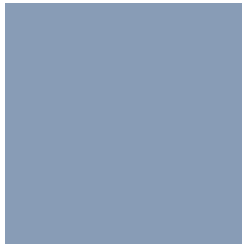
14.6557, 7.4360, 6.0737



0.5478, 0.2746, 0.3783

Previews

White Background



This preview shows how the XYZ color 30.4853, 32.3886, 48.9008 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 30.4853, 32.3886, 48.9008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

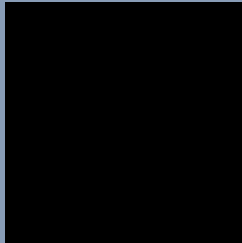
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4853, 32.3886, 48.9008

Background



This preview shows how black text looks on a background with the XYZ color 30.4853, 32.3886, 48.9008.



This preview shows how white text looks on a background with the XYZ color 30.4853, 32.3886,

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

30.4853, 32.3886, 48.9008

Protanopia

32.0239, 32.4673, 47.7590

Deuteranopia

32.9712, 32.2002, 49.2772



Tritanopia

29.4091, 32.4623, 43.2439

Trichromacy



Original Color

30.4853, 32.3886, 48.9008

Protanomaly

31.3977, 32.3767, 48.3106

Deuteranomaly

31.9882, 32.1713, 49.3235

Tritanomaly

29.7865, 32.3600, 45.2336

Monochromacy



Original Color

30.4853, 32.3886, 48.9008

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.2891, 31.9946, 39.7011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4853, 32.3886, 48.9008 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(136, 156, 182)` looks like.

```
.text, #text, p{  
    color:rgb(136, 156, 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(136, 156, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 156, 182) }
```

Border

The CSS property to change the border of an element to XYZ 30.4853, 32.3886, 48.9008 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(136, 156, 182) }
```


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

```
.border{ border-color:rgb(136, 156, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 156, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 156, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 156, 182);  
box-shadow:4px 4px 4px 4px rgb(136, 156,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4853, 32.3886, 48.9008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 156, 182) }
```

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

```
.background{ background-color: rgb(136,  
156, 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