

Converting Colors

XYZ(27.4442, 36.3979, 52.2187)

Have a look what the booklet for
XYZ(27.4442, 36.3979, 52.2187)
contains.

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Color

**XYZ(27.4867, 36.4853,
52.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	4BB1BA
RGB	75, 177, 186
RGB Percent	29%, 69%, 73%
CMY	0.7059, 0.3059, 0.2706
CMYK	0.60, 0.05, 0.00, 0.27
HSL	185°, 45%, 51%
HSV	185°, 60%, 73%
XYZ	27.4867, 36.4853, 52.0480
YIQ	147.5280, -63.6810, -18.8250

Conversions

Conversions Part 2

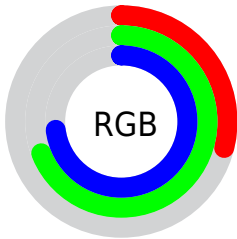
Format	Color
RYB	75, 128, 186
Decimal	4960698
CIELab	66.89, -26.63, -13.47
CIElCh	67, 29.844, 206.823
Yxy	36.4853, 0.2369, 0.3145
Android (android.graphics.Color)	4283150778 (0xFF4BB1BA)
YUV	147.5280, 18.9667, -63.6071
Hunter-Lab	60.4031, -24.4781, -8.8068

Details

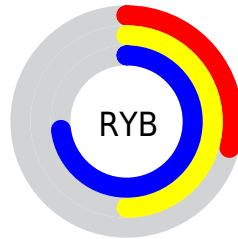
The XYZ color **27.4867, 36.4853, 52.0480** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.6908, 17.2886, 8.6933**, and the grayscale version is **27.8957, 29.3484, 31.9605**.

A 20% lighter version of the original color is **55.1576, 69.8395, 94.5777**, and **11.4413, 16.1088, 24.6966** is the 20% darker color. If you saturate the color by 10%, you get **25.9432, 35.2506, 51.8917**, and if you desaturate by 10%, it is **29.4610, 37.9485, 52.2270**.

Distribution



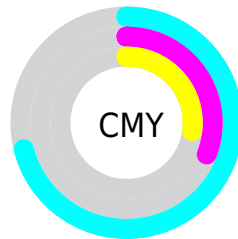
- Red (29%)
- Green (69%)
- Blue (73%)



- Red (29%)
- Yellow (50%)
- Blue (73%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4867, 36.4853, 52.0480 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 27.4867, 36.4853, 52.0480 by changing the saturation by 10% instead.

■ 27.4867, 36.4853,
52.0480

■ 27.4867, 36.4853,
52.0480

282.1307,
331.0768, 411.5841

■ 18.0776, 24.8092,
36.6608

■ 55.0783, 69.7805,
94.6293

■ 11.1057, 15.9350,
24.6513

■ 73.9914, 92.1683,
122.6606

■ 6.2058, 9.4782,
15.6008

■ 96.8033, 118.8956,
155.7436

■ 3.0125, 5.0544,
9.0908

■ 123.8792,
150.3467, 194.2969

■ 1.1604, 2.2792,
4.7028

155.5846,
186.9059, 238.7391

■ 0.0747, 0.7627,
2.0183

192.2847,

■ 0.0000, 0.0000,

228.9578, 289.4886

0.5665

234.3450,
276.8866, 346.9641

■ 0.0000, 0.0000,
0.0000

■ 27.4867, 36.4853,
52.0480

■ 27.4867, 36.4853,
52.0480

■ 25.9432, 35.2506,
51.8917

■ 29.4610, 37.9485,
52.2270

■ 24.7888, 34.2207,
51.7537

■ 31.8964, 39.6535,
52.4278

■ 23.9795, 33.3735,
51.6329

■ 34.8242, 41.6173,
52.6525

■ 23.4281, 32.6641,
51.5250

■ 38.2723, 43.8542,
52.9025

■ 23.4113, 32.6416,
51.5216

■ 42.2662, 46.3774,
53.1791

■ 46.8298, 49.1994,
53.4832

■ 51.9858, 52.3316,
53.8161

■ 57.7553, 55.7852,
54.1786

■ 64.1587, 59.5705,
54.5717

Harmonies

Analogous

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



26.7049, 36.4853, 38.3627



27.4867, 36.4853, 52.0480



30.1367, 36.4853, 64.4103

Triad

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



27.4867, 36.4853, 52.0480



42.4721, 36.4853, 54.9617



35.1621, 36.4853, 19.6977

Complementary

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



27.4867, 36.4853, 52.0480



24.6908, 17.2886, 8.6933

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.



39.6545, 36.4853, 22.3242



27.4867, 36.4853, 52.0480



44.0988, 36.4853, 41.1218

Square

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



27.4867, 36.4853, 52.0480



38.7491, 36.4853, 66.3330



43.0259, 36.4853, 29.5210



30.9029, 36.4853, 21.3979

Rectangle

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



27.4867, 36.4853, 52.0480



32.7346, 36.4853, 69.2204



43.0259, 36.4853, 29.5210



36.6972, 36.4853, 20.0868

Sweetspot

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



27.4878, 36.4867, 52.0489



70.3068, 80.0857, 95.9539



21.9997, 37.2297, 14.0903



15.0488, 17.3585, 21.0999



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.



27.4878, 36.4867, 52.0489



46.2103, 63.1960, 93.9639



18.8610, 19.2329, 49.1732



9.2027, 10.0827, 11.5406



15.7761, 22.0119, 34.6703



0.5747, 0.8130, 1.2284

Inverse Universe

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



30.7025, 18.6466, 43.5774



52.7795, 28.6428, 76.2256



30.5947, 29.0965, 10.6613



9.3487, 9.1498, 11.1835



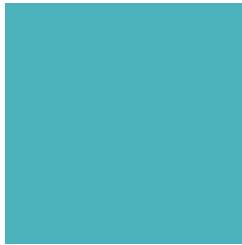
18.5767, 9.0044, 26.7216



0.6642, 0.3212, 0.9912

Previews

White Background



This preview shows how the XYZ color 27.4867, 36.4853, 52.0480 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 27.4867, 36.4853, 52.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

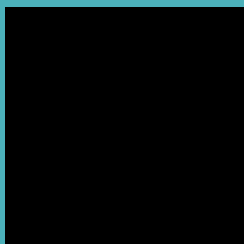
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

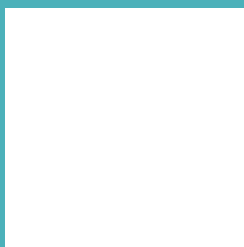
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4867, 36.4853, 52.0480

Background



This preview shows how black text looks on a background with the XYZ color 27.4867, 36.4853, 52.0480.



This preview shows how white text looks on a background with the XYZ color 27.4867, 36.4853,

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

27.4867, 36.4853, 52.0480

Protanopia

35.0785, 36.0979, 46.1931

Deuteranopia

36.8310, 36.0639, 53.7350



Tritanopia

27.9899, 36.3900, 54.8390

Trichromacy



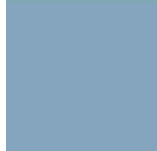
Original Color

27.4867, 36.4853, 52.0480



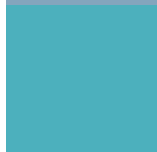
Protanomaly

31.1102, 35.5998, 48.4118



Deuteranomaly

32.1562, 35.4899, 53.2995



Tritanomaly

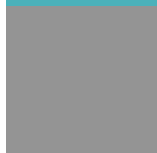
27.6911, 36.2613, 53.6838

Monochromacy



Original Color

27.4867, 36.4853, 52.0480



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.8049, 31.4699, 38.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4867, 36.4853, 52.0480 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(75, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(75, 177, 186)  
}
```

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(75, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 177, 186) }
```

Border

The CSS property to change the border of an element to XYZ 27.4867, 36.4853, 52.0480 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(75, 177, 186) }
```


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

```
.border{ border-color:rgb(75, 177, 186) }
```

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

Here you see how a box with a 4 pixel rgb(75, 177, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(75, 177,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4867, 36.4853, 52.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 177, 186) }
```

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

```
.background{ background-color: rgb(75, 177,  
186) }
```

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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