

Converting Colors

XYZ(32.8818, 37.9483, 48.6811)

Have a look what the booklet for
XYZ(32.8818, 37.9483, 48.6811)
contains.

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Color

**XYZ(32.8223, 37.8687,
48.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	86ACB4
RGB	134, 172, 180
RGB Percent	53%, 67%, 71%
CMY	0.4745, 0.3255, 0.2941
CMYK	0.26, 0.04, 0.00, 0.29
HSL	190°, 23%, 62%
HSV	190°, 26%, 71%
XYZ	32.8223, 37.8687, 48.7595
YIQ	161.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

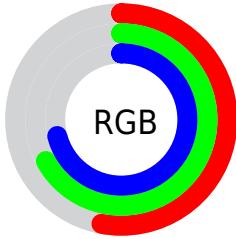
Format	Color
RYB	134, 155, 180
Decimal	8826036
CIELab	67.92, -10.95, -8.32
CIELCh	68, 13.751, 217.218
Yxy	37.8687, 0.2748, 0.3170
Android (android.graphics.Color)	4287016116 (0xFF86ACB4)
YUV	161.5500, 9.0958, -24.1614
Hunter-Lab	61.5375, -12.4841, -3.9024

Details

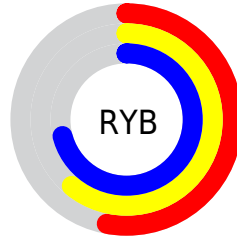
The XYZ color **32.8223, 37.8687, 48.7595** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.7989, 30.7708, 26.7658**, and the grayscale version is **34.1006, 35.8765, 39.0695**.

A 20% lighter version of the original color is **63.3484, 71.6857, 89.8548**, and **14.1145, 16.8042, 22.5783** is the 20% darker color. If you saturate the color by 10%, you get **29.6056, 35.3375, 48.4411**, and if you desaturate by 10%, it is **36.5436, 40.6828, 49.1072**.

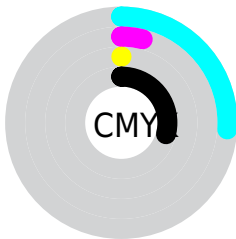
Distribution



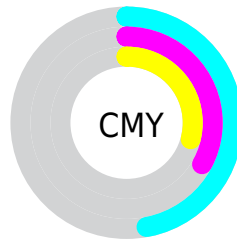
- Red (53%)
- Green (67%)
- Blue (71%)



- Red (53%)
- Yellow (61%)
- Blue (71%)



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (47%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8223, 37.8687, 48.7595 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 32.8223, 37.8687, 48.7595 by changing the saturation by 10% instead.

■ 32.8223, 37.8687,
48.7595

■ 32.8223, 37.8687,
48.7595

306.5274,
337.0564, 398.3900

■ 22.1489, 25.8808,
34.0645

■ 63.4545, 71.9068,
89.7114

■ 14.0836, 16.7345,
22.6654

■ 84.1441, 94.7259,
116.8054

■ 8.2609, 10.0454,
14.1436

■ 108.9031,
121.9241, 148.8695

■ 4.3156, 5.4290,
8.0808

138.0970,
153.8858, 186.3222

■ 1.8822, 2.5011,
4.0581

172.0909,
190.9956, 229.5821

■ 0.5664, 0.8772,
1.6573

211.2504,

■ 0.0000, 0.0000,

233.6376, 279.0676

0.3312

255.9408,
282.1964, 335.1974

■ 0.0000, 0.0000,
0.0000

■ 32.8223, 37.8687,
48.7595

■ 32.8223, 37.8687,
48.7595

■ 29.6056, 35.3375,
48.4411

■ 36.5436, 40.6828,
49.1072

■ 26.8653, 33.0716,
48.1482

■ 40.7892, 43.7871,
49.4826

■ 24.5756, 31.0586,
47.8803

■ 45.5818, 47.1946,
49.8877

■ 22.7067, 29.2829,
47.6360

■ 50.9419, 50.9159,
50.3235

■ 21.2253, 27.7272,
47.4138

■ 56.8887, 54.9609,
50.7908

■ 20.0926, 26.3713,
47.2118

■ 63.4405, 59.3395,
51.2906

■ 19.2602, 25.1903,
47.0277

■ 68.7503, 63.0993,
51.7365

■ 18.9391, 24.6969,
46.9494

■ 69.4538, 64.5063,
51.9710

■ 70.1721, 65.9428,
52.2104

Harmonies

Analogous

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



32.0725, 37.8687, 42.7274



32.8223, 37.8687, 48.7595



34.4269, 37.8687, 53.0484

Triad

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



32.8223, 37.8687, 48.7595



39.9117, 37.8687, 45.9541



35.4798, 37.8687, 30.6352

Complementary

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



32.8223, 37.8687, 48.7595



32.7989, 30.7708, 26.7658

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.



37.6060, 37.8687, 31.3161



32.8223, 37.8687, 48.7595



40.2207, 37.8687, 39.7731

Square

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



32.8223, 37.8687, 48.7595



38.5333, 37.8687, 51.3203



39.3617, 37.8687, 34.5231



33.5670, 37.8687, 32.5618

Rectangle

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



32.8223, 37.8687, 48.7595



35.7942, 37.8687, 54.1241



39.3617, 37.8687, 34.5231



36.1926, 37.8687, 30.5702

Sweetspot

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



32.8234, 37.8702, 48.7604



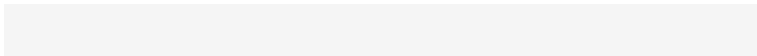
71.8772, 77.8890, 89.5403



31.0111, 39.6546, 31.4807



15.2819, 16.6503, 19.3306



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.8234, 37.8702, 48.7604



55.9217, 65.8620, 88.0599



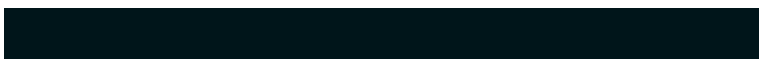
28.8708, 29.9650, 47.4428



8.6145, 9.3751, 10.8619



13.2616, 17.3236, 32.7818



0.4503, 0.6111, 1.0425

Inverse Universe

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



34.7948, 29.7330, 42.9366



60.2060, 48.6620, 75.2953



36.5213, 38.2155, 28.0066



8.7853, 8.6209, 10.3681



16.9285, 8.2890, 20.5813



0.5493, 0.2675, 0.7354

Previews

White Background



This preview shows how the XYZ color 32.8223, 37.8687, 48.7595 looks on a white background.

Color Contrast Check

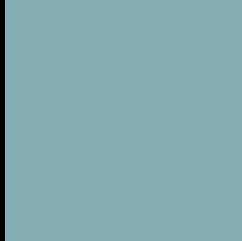
Large Text (above 18pt) WCAG AA × Fail

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 32.8223, 37.8687, 48.7595 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

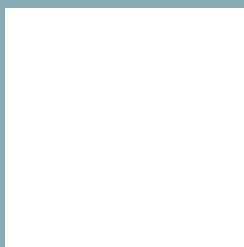
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8223, 37.8687, 48.7595

Background



This preview shows how black text looks on a background with the XYZ color 32.8223, 37.8687, 48.7595.



This preview shows how white text looks on a background with the XYZ color 32.8223, 37.8687,

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

32.8223, 37.8687, 48.7595

Protanopia

36.5304, 37.6454, 45.8984

Deuteranopia

38.4219, 37.7514, 49.5177



Tritanopia

33.3115, 37.7795, 51.4354

Trichromacy



Original Color

32.8223, 37.8687, 48.7595

Protanomaly

35.0810, 37.6818, 47.0193

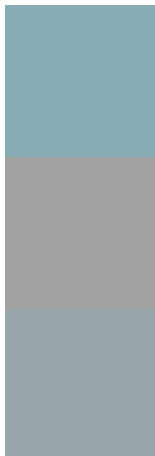
Deuteranomaly

36.0937, 37.6174, 49.0746

Tritanomaly

33.1018, 37.6956, 50.3311

Monochromacy



Original Color

32.8223, 37.8687, 48.7595

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.7465, 36.8124, 42.8630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8223, 37.8687, 48.7595 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(134, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 172, 180)  
}
```

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(134, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 172, 180) }
```

Border

The CSS property to change the border of an element to XYZ 32.8223, 37.8687, 48.7595 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(134, 172, 180) }
```


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

```
.border{ border-color:rgb(134, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 172,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8223, 37.8687, 48.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 172, 180) }
```

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

```
.background{ background-color: rgb(134,  
172, 180) }
```

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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