

Converting Colors

XYZ(32.0757, 37.7680, 45.4216)

Have a look what the booklet for
XYZ(32.0757, 37.7680, 45.4216)
contains.

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Color

**XYZ(32.0993, 37.8487,
45.6581)**

Conversions

Conversions Part 1

Format	Color
Hex	84ADAE
RGB	132, 173, 174
RGB Percent	52%, 68%, 68%
CMY	0.4823, 0.3216, 0.3176
CMYK	0.24, 0.01, 0.00, 0.32
HSL	181°, 21%, 60%
HSV	181°, 24%, 68%
XYZ	32.0993, 37.8487, 45.6581
YIQ	160.8550, -24.7570, -8.3810

Conversions

Conversions Part 2

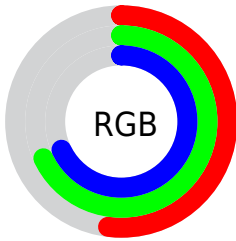
Format	Color
R_{YB}	132, 153, 174
Decimal	8695214
CIE _{Lab}	67.91, -13.48, -5.03
CIE _{LCh}	68, 14.389, 200.451
Yxy	37.8487, 0.2777, 0.3274
Android (android.graphics.Color)	4286885294 (0xFF84ADAE)
YUV	160.8550, 6.4805, -25.3058
Hunter-Lab	61.5213, -14.5283, -0.9372

Details

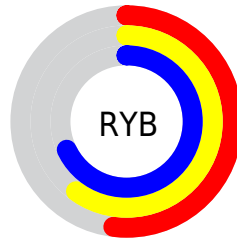
The XYZ color **32.0993, 37.8487, 45.6581** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.0083, 27.4398, 25.5454**, and the grayscale version is **33.7890, 35.5486, 38.7125**.

A 20% lighter version of the original color is **62.1360, 71.5831, 84.6707**, and **13.7436, 16.8292, 20.9364** is the 20% darker color. If you saturate the color by 10%, you get **29.5232, 36.4042, 45.5157**, and if you desaturate by 10%, it is **35.1317, 39.5308, 45.8236**.

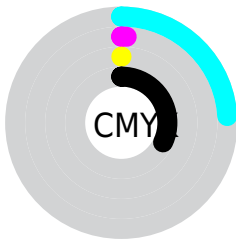
Distribution



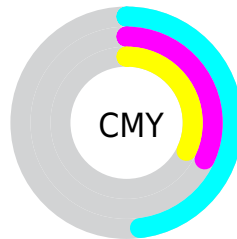
- Red (52%)
- Green (68%)
- Blue (68%)



- Red (52%)
- Yellow (60%)
- Blue (68%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)



- Cyan (48%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0993, 37.8487, 45.6581 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 32.0993, 37.8487, 45.6581 by changing the saturation by 10% instead.

■ 32.0993, 37.8487,
45.6581

■ 32.0993, 37.8487,
45.6581

303.3086,
336.9705, 385.6700

■ 21.5933, 25.8653,
31.6294

■ 62.3309, 71.8762,
85.0360

■ 13.6733, 16.7229,
20.8161

■ 82.7871, 94.6890,
111.2222

■ 7.9740, 10.0371,
12.7997

■ 107.2908,
121.8805, 142.2980

■ 4.1300, 5.4236,
7.1617

136.2073,
153.8349, 178.6820

■ 1.7759, 2.4979,
3.4834

169.9020,
190.9367, 220.7926

■ 0.5031, 0.8756,
1.3465

208.7402,

■ 0.0000, 0.0000,

233.5703, 269.0485

0.0994

253.0873,
282.1201, 323.8681

■ 0.0000, 0.0000,
0.0000

■ 32.0993, 37.8487,
45.6581

■ 32.0993, 37.8487,
45.6581

■ 29.5232, 36.4042,
45.5157

■ 35.1317, 39.5308,
45.8236

■ 27.3776, 35.1809,
45.3927

■ 38.6380, 41.4566,
46.0105

■ 25.6392, 34.1680,
45.2888

■ 42.6390, 43.6377,
46.2206

■ 24.2811, 33.3515,
45.2027

■ 47.1531, 46.0838,
46.4548

■ 23.2733, 32.7159,
45.1332

■ 52.1980, 48.8038,
46.7140

■ 22.5812, 32.2435,
45.0785

■ 57.7904, 51.8065,
46.9988

■ 22.1632, 31.9126,
45.0366

■ 63.9462, 55.1000,
47.3100

■ 21.9901, 31.7560,
45.0155

■ 64.4663, 55.4885,
47.3576

■ 64.5477, 55.6512,
47.3847

Harmonies

Analogous

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



31.9040, 37.8487, 39.2044



32.0993, 37.8487, 45.6581



33.3089, 37.8487, 51.4377

Triad

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



32.0993, 37.8487, 45.6581



39.3872, 37.8487, 49.5465



36.6910, 37.8487, 30.2355

Complementary

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



32.0993, 37.8487, 45.6581



30.0083, 27.4398, 25.5454

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.



38.7777, 37.8487, 32.4381



32.0993, 37.8487, 45.6581



40.3763, 37.8487, 43.2845

Square

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



32.0993, 37.8487, 45.6581



37.4951, 37.8487, 53.8389



40.1487, 37.8487, 37.0621



34.4947, 37.8487, 30.7300

Rectangle

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



32.0993, 37.8487, 45.6581



34.5564, 37.8487, 53.9180



40.1487, 37.8487, 37.0621



37.4299, 37.8487, 30.6756

Sweetspot

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



32.1004, 37.8502, 45.6590



68.0927, 74.1062, 83.3519



28.8654, 36.8635, 27.6766



15.0505, 16.4249, 18.5214



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.1004, 37.8502, 45.6590



55.6131, 67.1940, 82.6755



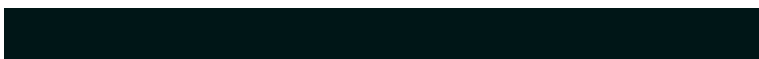
28.4334, 30.5163, 44.4366



8.2198, 9.0389, 10.2642



15.9558, 23.0455, 32.6518



0.4489, 0.6511, 0.9100

Inverse Universe

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



33.2506, 28.5192, 43.2892



58.0746, 47.3169, 77.5832



33.1273, 33.6777, 26.5850



8.3287, 8.1447, 10.0419



17.9174, 8.6295, 28.2741



0.5010, 0.2411, 0.7998

Previews

White Background



This preview shows how the XYZ color 32.0993, 37.8487, 45.6581 looks on a white background.

Color Contrast Check

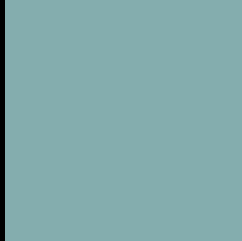
Large Text (above 18pt) WCAG AA × Fail

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 32.0993, 37.8487, 45.6581 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

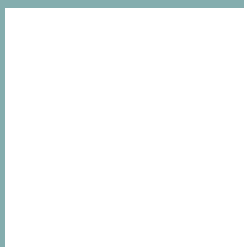
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0993, 37.8487, 45.6581

Background



This preview shows how black text looks on a background with the XYZ color 32.0993, 37.8487, 45.6581.



This preview shows how white text looks on a background with the XYZ color 32.0993, 37.8487,

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

32.0993, 37.8487, 45.6581

Protanopia

36.3732, 37.6310, 42.8825

Deuteranopia

38.4111, 37.5460, 46.8176



Tritanopia

33.1514, 37.6969, 51.4279

Trichromacy



Original Color

32.0993, 37.8487, 45.6581

Protanomaly

34.4958, 37.4477, 43.9381

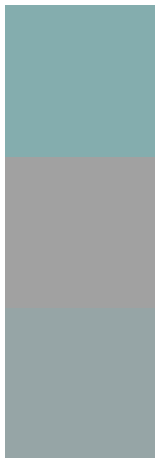
Deuteranomaly

35.7888, 37.5184, 46.4298

Tritanomaly

32.7659, 37.8278, 49.2906

Monochromacy



Original Color

32.0993, 37.8487, 45.6581

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9157, 36.1475, 41.3187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0993, 37.8487, 45.6581 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(132, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(132, 173, 174)  
}
```

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(132, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 173, 174) }
```

Border

The CSS property to change the border of an element to XYZ 32.0993, 37.8487, 45.6581 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(132, 173, 174) }
```


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

```
.border{ border-color:rgb(132, 173, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 173, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(132, 173,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0993, 37.8487, 45.6581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 173, 174) }
```

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

```
.background{ background-color: rgb(132,  
173, 174) }
```

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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